

# JELD-WEN JOINERY

YOUR GUIDE TO OUR  
COMPLETE RANGE OF  
DOORS, PATIO DOORSETS,  
WINDOWS AND STAIRS



[www.jeld-wen.co.uk](http://www.jeld-wen.co.uk)



# WELCOME

Welcome to the JELD-WEN joinery catalogue. Choose from the UK's largest range of timber windows, stairs, patio doorsets, internal and external doors.

Manufactured in the UK using Forest Stewardship Council® (FSC®) and Programme of Endorsement (PEFC) sustainable timber, our products are unbeatable for quality and craftsmanship. Look for FSC certified products in our catalogue.

Our products are designed and tested to the highest standards, and we carry a number of third party accreditations and affiliations ensuring they are of the highest standards ready for installation.

We want to provide the right product for your project, which is why we manufacture a range of products in either standard or made to measure sizes, giving you the flexibility and scope to meet customer demands.

To improve our service to you, we have increased our stock availability, therefore we can offer products more efficiently than ever.

For technical guides, more product inspiration and to find your nearest merchant or retailer; visit our website [jeld-wen.co.uk](http://jeld-wen.co.uk). Alternatively, call **0845 122 2890** to speak to one of our advisors.



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### STAIRS

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# ALL UNDER ONE ROOF

The UK's largest range of timber windows, doors and stairs from one manufacturer. Choose all your products from JELD-WEN for guaranteed quality and craftsmanship.

## STAIRS

Choose straight flight stairs for a simple solution, or a made to measure staircase with endless combinations of designs, finishes and configurations.

Pages 158-179



## WINDOWS

Energy efficient, secure and durable; choose timber windows to enhance the beauty of your project. Made to measure to your size, specification and finish.

Pages 10-43

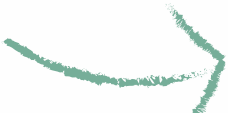
*Designer windows*



*Personalise your exterior joinery by adding COLOUR...*

Choose from our standard colour palette or pick any RAL colour to bring a project to life.

Page 43, 76



## PATIO DOORSETS

Our patio doorset range offers versatility and choice with a selection of wood finishes, designs and configurations. Combined with high performance to meet the demands of any project.

Pages 64-77







## INTERNAL DOORS

Traditional, contemporary, rustic or minimal; we are confident we have the largest selection of internal doors with fire doors, bi-folds and room dividers, all available to complement the range.

Pages 94-157



*IN STOCK TODAY  
Look out for the grey shaded products*

GARAGE DOORS

## EXTERIOR DOORSETS & DOORS

For security and performance, choose from our superior range of exterior doors to transform the look of any property. Available to order in a selection of door slabs only, or alternatively choose from our range of doorsets for the full solution.

Pages 50-59, 80-89



# AT A GLANCE RANGE GUIDE

## WINDOWS

### Casement Pages 16 – 29



Elegance Flush Casement



Stormsure Energy+ High Performance



Stormsure Oak Casement



Stormsure Standard Casement



Regency Casement

### Regal Box Sash Pages 30 – 31



### Sliding Sash Pages 32 – 35



### Designer Range Pages 36 – 37



### Bay Windows Pages 38 – 39



## EXTERIOR DOORSETS & PATIOS

### SINGLE DOORSETS

#### INSULUX Timber Composite Pages 50 – 53



Osbourne



Beaumanor



Burghley



Stapleford



Longleat



Barrington



Haddon



Stanford

#### Castle Composite Page 54 – 58



Belvoir



Lincoln



Howard



Dunster



Walden



Barnard



Tilsbury



Clifford



Rising



Upnor



Reeve



Farleigh



Oxford



Hylton



York



Canterbury



Richmond



Cottage



Keep



Leeds



Rochester



Arundel



Dover



SINGLE DOORSETS continued

Steel

Page 59



Steel

Softwood

Page 60 – 63



DreamVu™



Farndale

FRENCH

Pages 64 – 69



Canberra Solid Oak



Darwin Hardwood



DreamVu™ Softwood



Farndale Softwood

FOLDING SLIDING

Pages 70 – 73



Canberra Solid Oak



Darwin Hardwood

SLIDING

Pages 74



Fenton Softwood

EXTERIOR DOORS & FRAMES

White Oak Pages 82 – 83



Cottage



Chester



Croft



Croft  
Glazed



Gothic



Woodhouse



Radcliffe



Lumina



Lexington



Lexington  
Glazed



E10



E2XG



E2XGG

Hemlock Page 84

Redwood Boarded & Gates Page 85



EKXT



Pair EGTP2P



Pair E202P



Pair E20



Ledged  
& Braced



Reverse  
of Ledged  
& Braced



Framed,  
Ledged  
& Braced



Reverse  
of Framed,  
Ledged  
& Braced



Stable Door  
(Unglazed)



RE2XG  
(Unglazed)



Gate

Paint Grade Page 86



Paint Grade



GG01



GG05



GG06

Garage Doors & Frames Page 87

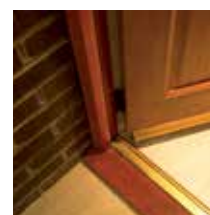


GTG



GTF Glazed

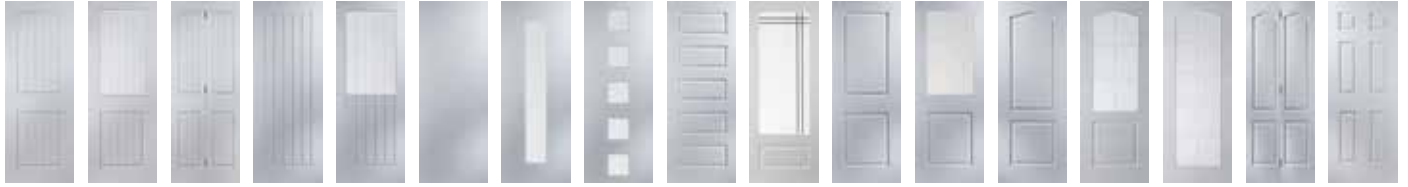
Exterior Door Frames Pages 90 – 93



# AT A GLANCE RANGE GUIDE

## INTERIOR DOORS

### MOULDED Panel & Glazed Pages 98 – 123



Newbridge 2 Panel, Newbridge Vertical Etch, Newbridge Bi-fold, Newark Cottage Panel, Newark Vertical Etch, Linea 5 Panel, Linea 1 Light Clear/Etch, Linea 5 Light Clear/Etch, Rockport® 5 Panel, Rockport® Leaded, Cambridge 2 Panel, Cambridge 6 Light Etch, Camden 2 Panel, Camden 6 Light Etch, Camden 10 Light Etch, Camden Bi-fold, Arlington 6 Panel

### GLAZED DESIGN OPTIONS for the Arlington (p112–113), Atherton (p114–115), Bostonian (p116–117) and Oakfield (p118–119).



Arlington Bi-fold, Atherton 4 Panel, Atherton Bi-fold, Bostonian 6 Panel, Bostonian Bi-fold, Oakfield 4 Panel, Oakfield Bi-fold, 2 Light Clear, 2 Light Etch, 2 Light Marginal Etch, 2 Light Geometric, 6 Light Etch, 10 Light Etch, 2 Light Geometric Vertical, Clear Bi-fold, Etch Bi-fold

## FLUSH

### Paint Grade Page 126 – 127



Paint Grade Premium



Paint Grade



GW01/ GC01



GW05/ GC05



GW06/ GC06

### Standard Real Wood Veneer Pages 128 – 129



Koto



White Oak



Beech



Sapele



Ash



Walnut



GC01



GC05



GC06

(Only available in Ash & White Oak).

### Selection Real Wood Veneer Pages 130 – 139



Fusion White Oak



Fusion White Oak 1 Light Clear



Fusion White Oak 3 Light Clear



Fusion Walnut



Fusion Walnut 1 Light Clear



Fusion Walnut 3 Light Clear



Fusion Olive Ash



Fusion Olive Ash 3 Light Clear



Fusion Grey



Fusion Grey 1 Light Clear



Fusion Grey 3 Light Clear



Inlay White Oak



Inlay White Oak 4 Light Clear



Inlay White Oak Twin



Inlay White Oak Twin 4 Light Clear



Inlay Walnut 4 Panel



Inlay Walnut 4 Light Clear



Inlay Silver Ash



Inlay Silver Ash 4 Light Clear



Inlay Brown Ash



Inlay Brown Ash 4 Light Clear



Textured White Oak



Textured White Oak 3 Light Clear



Textured Dark Oak



Textured Dark Oak 3 Light Clear



## TIMBER FEATURE

### White Oak Pages 144 – 149



Oregon 4 Panel Oregon 10 Light Clear Oregon 15 Light Clear Oregon 2 Light Mackintosh Oregon 2 Light Clear Oregon Cottage Oregon Cottage Etch Oregon 4 Panel Bi-fold Oregon Cottage Bi-fold Cottage Horizontal Cottage Horizontal 3 Light Clear Aston Aston 3 Light Clear/ Obscure Worcester Worcester 3 Light Clear

### White Oak Room Fold Pages 150 – 151



Shaker 1 Panel Shaker 4 Panel Shaker Recessed Cottage Shaker 1 Light Clear/ Obscure Shaker 4 Light Clear Shaker 4 Light Mackintosh Shaker White Oak 1 Light Clear Shaker White Oak 1 Light Obscure Shaker White Oak 4 Light Clear

### Primed Pages 152 – 153



Shaker 1 Panel Shaker 4 Panel Shaker 1 Light Obscure Shaker 4 Light Clear Shaker 10 Light Clear Shaker 15 Light Clear Aston Aston 3 Light Clear Cottage Cottage Vertical Etch Worcester Worcester 3 Light Clear

### Primed Room Fold Pages 154 – 155



Shaker Primed 1 Light Obscure Shaker Primed 4 Light Clear

## STAIRS

### Contemporary Pages 162 – 167



### Traditional Pages 168 – 173



### Prestige Pages 174 – 175



### Straight Flights Page 176





ELEGANCE Flush Casement,  
Conservation Green



# WINDOWS

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# CHOOSING TIMBER WINDOWS

Every JELD-WEN window is manufactured in the UK and we pride ourselves on our rich heritage, which today, merges the finest traditional craftsmanship with the latest technology.

Our wide range of made to measure windows are available to order in a large array of size and shape options, along with a host of colours and bar designs so it's easy to create a window that meets your exact project requirements. If you can't find what you are looking for, just ask!

Our windows undergo rigorous testing and independent certification to ensure they meet current regulations and of course, our own high quality and performance standards.



## SPECIFICATION

JELD-WEN timber windows are manufactured from engineered finger jointed timber that is responsibly sourced with FSC® chain of custody certification as standard.

All our window ranges are certified under the BSI Kitemark and the rules of the Wood Window Alliance to ensure the highest quality, performance and safety standards. All our factory glazed windows are CE marked.



## PERFORMANCE

Our windows are energy rated by the British Fenestration Rating Council (BFRC) and offer up to an A+ rating. We also list *U* values for each range which need to be between 1.4-1.6W/m<sup>2</sup>K to meet the requirements of Building Regulations.

In line with this ethos, our window ranges have optional PAS 24 security certification in accordance with the requirements of Approved Document Q of the Building Regulations and Secured by Design where applicable.



## FINISH

You may pay less for unfinished windows, but there's not only the additional time and cost to consider when finishing your own windows, but also the quality of the finish. Our fully finished products are available to order in any RAL colour paint finish, and many ranges offer the option for a dual colour finish.

Each range is fitted with high quality ERA hardware, including multi-point locks and handles in a choice of colour options.



*"From designer curves to contemporary angles, whatever your project needs JELD-WEN can provide a timber window solution."*



## DESIGNER CAPABILITIES

JELD-WEN can now offer our customers even more choice, with more made to measure shaped window designs, side light options plus larger frame capabilities, so you can be assured that we have the solution for even the most unusual project. Talk to us about your specific project requirements.



Double or triple glazed Pilkington™ low emissivity coated glazing units

Pinless beading for a smoother finish on factory painted and glazed windows

Drained and vented beading to prevent glazing misting

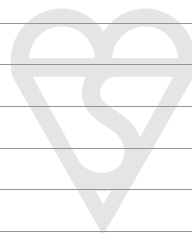


For more technical info download our Technical Specification Guide

# WINDOW SPECIFICATION COMPARISON GUIDE

This information provides you with a comparison of the specification across our window range. See the 'External Joinery Technical Specification Guide' on our website for more technical detail.

	Elegance Flush Casement	Stormsure Energy+ High Performance Casement	
Specification	Jamb material	Engineered softwood	Engineered softwood
	Frame material	Engineered softwood	Engineered softwood
	Sill material	Engineered softwood	Engineered softwood
	Beading (external)	Timber-composite pinless beading and black gasket on factory paint finished and glazed windows	Timber-composite pinless beading and black gasket on factory paint finished and glazed windows
	Glazing	Double - 24mm Low-E insulating	Triple - 36mm Low-E Insulating
	Spacer bars	Black standard, white & grey optional	Black standard, white & grey optional
	Ventilation detail	Recessed flush fitting vents internally as standard	Recessed flush fitting vents internally as standard
	Bays	Yes	Yes
Operation	Operational detail	Flush casement, side and top hung	Standard casement, side and top hung
	Hardware detail	Espagnolette multi-point locking handle and projecting hinges as standard. Safe clean projecting and fire egress hinges optional	Espagnolette multi-point locking handle and projecting hinges as standard. Safe clean projecting and fire egress hinges optional
	Handles	Inline locking polished chrome standard or white, black, satin chrome, bronze and gold options. Antique black inline and monkey tail handles available.	Inline locking polished chrome standard or white, black, satin chrome, bronze and gold options. Antique black inline and monkey tail handles available.
Dimensions	Frame section size	108mm front to back at head with standard head drip (82mm option without)	96mm from back of head to front of sash (sash sits 3mm proud of frame)
	Sill sizes	Standard 91mm stub sill. Timber nosing options to create overall sizes of - 82mm flush, 132mm, 157mm, 179mm, 207mm	Standard 158mm sill. Timber nosing options to create overall sizes of 93mm stub sill - 67mm flush (not oak), 133mm, 183mm, 208mm
	Made to measure options	Yes	Yes
	Brickwork tolerance guidance	12mm	12mm
Finish options	Bar designs	Yes optional	Yes optional
	Ventilator colour	White as standard, brown, grey and green optional, others on request	White as standard, brown, grey and green optional, others on request
Performance	U Values (factory glazed)	1.3-1.4 W/m <sup>2</sup> K	0.8-1.0 W/m <sup>2</sup> K
	Energy ratings	A and B	A+ and B
	Secured by Design	Yes optional	Yes optional
	Approved Document Q	Yes optional	Yes optional
	Exposure rating	2000pa	2000pa
	Air permeability	Class 4	Class 4
	Performance testing	BS6375: Part 1:2009	BS6375: Part 1:2009
	Strength/operation testing	BS6375: Part 2:2009	BS6375: Part 2:2009
	Acoustic performance	Available to 39dB	Available to 40dB
	Responsibility	FSC®	FSC®



Stormsure Oak/Standard Casement & Regency	Regal Box Sash	Sliding Sash
Engineered softwood or oak*	Engineered softwood	Engineered timber facings with extruded spiral balance channels
Engineered softwood or oak*	Engineered softwood	Engineered softwood
Engineered softwood or oak to match frame*	Engineered softwood	Engineered softwood
Timber-composite pinless beading and black gasket on factory paint finished and glazed windows, excluding oak	Timber-composite pinless beading and black gasket on factory paint finished and glazed windows	Timber-composite pinless beading and black gasket on factory paint finished and glazed windows
Double - 24mm Low-E insulating	Double - 24mm Low-E insulating Single glazing available as an option	Double - 24mm Low-E insulating
Black standard, white & grey optional	Black standard, white & grey optional	Black standard, white & grey optional
Recessed flush fitting vents internally as standard	Recessed flush fitting vents internally as standard	Surface mounted vents internally as standard
Yes	No	Yes
Standard casement, side and top hung	Sliding sashes with counterweight	Spiral balance, tilt in options (exc PAS 24 windows). Assisted lift spiral balance available as a special order
Espagnolette multi-point locking handle and projecting hinges as standard. Safe clean projecting and fire egress hinges optional	Regal fitch catch standard. Optional sash opening restrictor available upon request	Fitch catch locking as standard, non locking available to order. Optional sash opening restrictor available upon request
Inline locking polished chrome standard or white, black, satin chrome, bronze and gold options. Antique black inline and monkey tail handles available.	Polished gold locking fitch standard or chrome option	Polished chrome locking fitch standard or white, black, satin chrome, bronze, gold and antique black options
93mm front to back at head	148mm front to back at the head and sill	168mm front to back at head
Standard 158mm sill. Timber nosing options to create overall sizes of 93mm stub sill - 133mm, 183mm, 208mm	Standard 148mm sill, the sill sits flush with the face of the box case.	Standard 168mm sill (flush). Timber nosing options to create overall sizes of 196mm or 225mm
Yes	Yes	Yes
12mm	12mm	12mm
Yes optional	Yes optional	Yes optional
White (as standard on softwood), brown (as standard on oak windows) grey and green optional, others on request	White as standard	White as standard, brown optional
1.3-1.4 W/m <sup>2</sup> K	1.5 W/m <sup>2</sup> K - excluding single glazing	1.4 W/m <sup>2</sup> K
A and B	No performance declared	B
Yes optional	Not currently available	Yes optional
Yes optional	Not currently available	Yes optional
2000pa	No performance declared	2000pa
Class 4	No performance declared	Class 2
BS6375: Part 1:2009	No performance declared	BS6375: Part 1:2009
BS6375: Part 2:2009	No performance declared	BS6375: Part 2:2009
Available to 37dB	No performance declared	Available to 31dB
FSC®	FSC®	FSC®

\*Excluding Regency



# ELEGANCE

## FLUSH CASEMENT

The Elegance range is the perfect choice when renovating period properties or building traditionally designed new build homes, particularly in conservation areas. With a sash that sits flush in the frame, this range achieves traditional sightlines without compromising on performance.

Double glazed with Pilkington energiKare™ low E glazing and a thick 82mm frame, this engineered softwood timber window instantly adds a contemporary twist and modern energy performance to any property.

This classic range is fitted with high quality ERA hardware including polished chrome handles, robust espagnolette multi-point locking and projecting hinges to provide both a premium finish and a high level of security.

Choose from a variety of bar designs to enhance the look of a property.

Available factory finished in any RAL colour including dual colour options – all with up to 10 years guarantee on the paint finish. See pages 41–43 for all hardware, glazing and finishing options.

For full specification details see page 14.



Horizontal Bar



### BAR DESIGN OPTIONS



Non Bar



Victorian Bar



Cottage Bar



Horizontal Bar



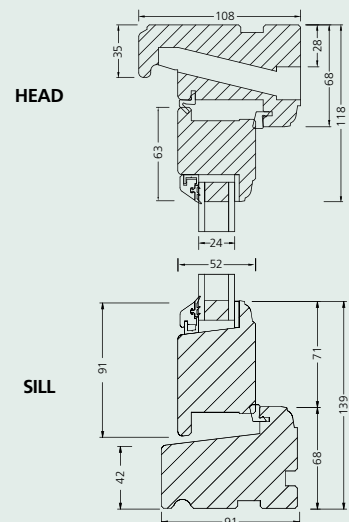
Deco Bar



All Bar



SILL & HEAD DETAIL







Top & bottom left: Non bar Elegance casement and Farndale patio doorset in conservation green.  
Right: Horizontal bar in conservation green.



*"We are extremely pleased with the Elegance flush casement windows supplied by JELD-WEN. Since the renovation has been completed we have received many compliments about the windows and particularly the colour and the monkey tail handles which have added to the overall finish."*



# STORMSURE ENERGY+

## HIGH PERFORMANCE CASEMENT

If it's the best in energy performance you are after, then look no further. Our Stormsure Energy+ casement window is the highest energy rated window in our range, offering the best in energy performance and unrivalled sound insulation.

This high performance window has a 68mm sash depth, and is triple glazed with Pilkington energiKare™ low E glazing as standard. This engineered softwood range boasts an outstanding 'A+' BFRC energy rating and  $U$  values down to  $0.8 \text{ W/m}^2\text{K}$ , offering outstanding performance even in the toughest of environments.

Choose from a variety of bar designs to enhance the look of a property.

Available factory finished in any RAL colour including dual colour options, so you can specify one colour for the exterior and an alternative colour for the interior – all with up to 10 years guarantee on the paint finish.

PAS 24 specification options are available to meet the requirements of Approved Document Q and Secured by Design. See pages 41–43 for all hardware, glazing and finishing options.

For full specification details see page 14.



Cottage Bar, Pastel Blue

## BAR DESIGN OPTIONS



Non Bar



Victorian Bar



Cottage Bar



Horizontal Bar



Deco Bar

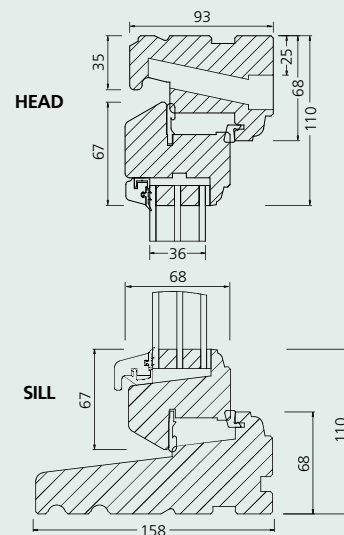


All Bar





SILL & HEAD DETAIL





# STORMSURE OAK

## CASEMENT

Our premium oak range stands alone as the ultimate in luxury and class, made from superior oak timber this range will add elegance and quality to any property. Available factory finished in a golden oak or dark oak stain, these windows offer a long lasting finish that will look great for years to come.

Double glazed using Pilkington energiKare™ low E glazing with a variety of traditional bar designs available, the range combines authenticity with modern performance.

These timeless windows are fitted with high quality hardware including polished chrome handles, robust espagnolette multi-point locking and projecting hinges as standard, to provide both a premium finish and a high level of security.

PAS 24 specification options are available to meet the requirements of Approved Document Q and Secured by Design. See pages 41–43 for all hardware, glazing and finishing options.

For full specification details see page 14.



Non Bar, Dark Oak Stain

## BAR DESIGN OPTIONS



Non Bar



Victorian Bar



Cottage Bar



Horizontal Bar



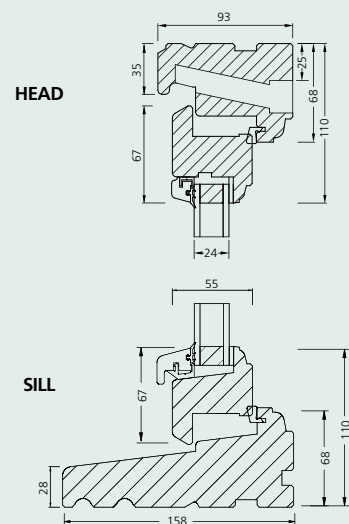
Deco Bar



All Bar



SILL & HEAD DETAIL







Top & far right: Horizontal bar in golden oak stain.  
Bottom centre: Non bar in golden oak stain.

*"I am delighted with both the quality and the appearance of the Stormsure oak casement windows. They were a perfect choice to achieve both the thermal performance requirements for the property and the natural look of the oak finish."*





*"JELD-WEN was fantastic throughout this entire project. Not only did they provide a very good service, but the quality of the Stormsure Oak casement windows was exceptional. This was a very emotional project for all of the family, but JELD-WEN's support helped everything run so smoothly."*



# STORMSURE STANDARD

## CASEMENT

Our Stormsure casement windows are the most popular in our range. Providing robust protection against the elements this engineered softwood range offers the largest choice of shapes, sizes and configurations to suit any project.

Constructed with a 55mm sash depth and double glazed with Pilkington energiKare™ low E glazing units as standard, the Stormsure casement window is the ideal solution for any new build or renovation project. Choose from a variety of bar designs.

Supplied factory finished in an extensive range of colour options, including dual colour finish - all with up to 10 years guarantee on the paint finish.

Fitted with high quality ERA hardware including polished chrome handles, robust espagnolette multi-point locking and projecting hinges as standard.

PAS 24 specification options are available to meet the requirements of Approved Document Q and Secured by Design. See pages 41–43 for all hardware, glazing and finishing options.

For full specification details see page 14.



Non Bar



## BAR DESIGN OPTIONS



Non Bar



Victorian Bar



Cottage Bar



Horizontal Bar



Deco Bar

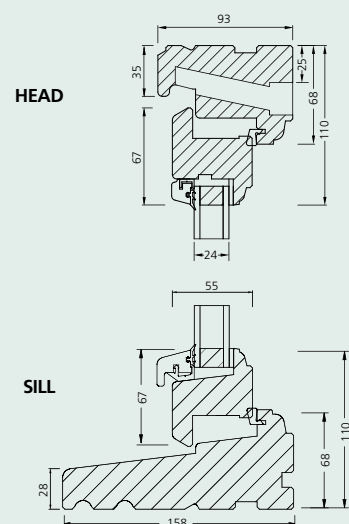


All Bar





### SILL & HEAD DETAIL





# REGENCY

## CASEMENT

Our softwood Regency casement window range is finished with decorative horns to give an authentic appearance of a traditional sliding sash window, whilst still having all the functionality and thermal performance of a casement window.

If you're looking for a low cost solution, but you still want all the style of a traditional sliding sash then the Regency casement is the ideal solution. This range is available with or without glazing bars, in a variety of designs to suit all property styles or personal tastes.

Double glazed with Pilkington energiKare™ low E glazing as standard, this softwood range offers an 'A' BFRC energy rating with U values down to 1.3 W/m<sup>2</sup>K.

Available factory finished in any RAL colour including dual colour options – all with up to 10 years guarantee on the paint finish. See pages 41–43 for all hardware, glazing and finishing options.

For full specification details see page 14.



AS LOW AS  
**1.3**  
U-VALUE

**A**  
BFRC

ANY  
**RAL**  
COLOUR

PAS 24/SBD  
OPTIONAL

**MADE TO  
MEASURE**

### BAR DESIGN OPTIONS



Non Bar



Vertical Bar

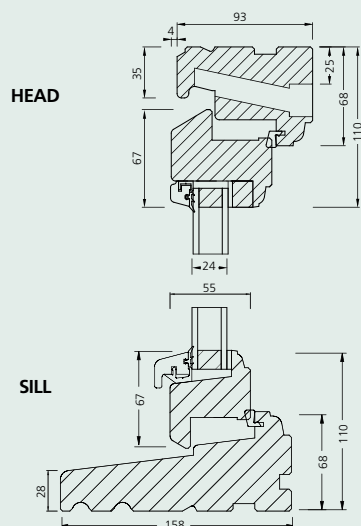


All Bar





SILL & HEAD DETAIL





# REGAL

## BOX SASH

There's no need to compromise on the performance benefits of new double glazed windows to retain the original charm of a period property, with our Regal Box Sash window range you can achieve both.

Our high specification box sash window is traditionally operated with a true weights and pulley system to provide a direct replacement for an original box sash window.

Made to measure within minimum and maximum sizes, and available in a choice of glazing bar designs, this traditional range is manufactured from engineered softwood and features traditional sash horns as standard to complete the look.

Double glazed with Pilkington energiKare™ low E glazing as standard, with single glazed option available. Fitted with high quality fitch catch and lift hardware, see page 41–43 for all hardware, glazing and finishing options.

Available to order as supply only, or with the option of a supply and installation service. If required our fully trained team of surveyors can provide a full survey to ensure you get the perfect fit. To find out more call us on **0845 122 2892**.

For full specification details see page 14.



All Bar

### BAR DESIGN OPTIONS



Non Bar



Victorian Bar



Marginal Bar



Vertical Bar

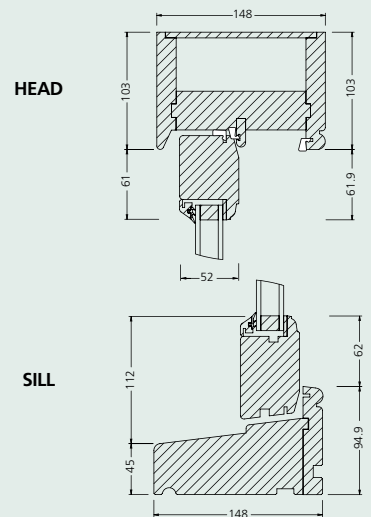


All Bar





SILL & HEAD DETAIL



# SLIDING SASH

Our softwood timber Sliding Sash windows combine modern design with traditional appeal. With an authentic period look and modern engineering, this softwood window range will blend seamlessly with local architectural styling to meet with planning requirements.

Whether you're renovating a character property or building a traditionally designed new build, our double glazed Sliding Sash window range provides the ideal solution.

The range is fully weather-stripped and features stepped sashes for improved performance, tilt in facility for easy cleaning and maintenance, whilst also providing classic horn detailing on the top sashes.

Fitted with high quality hardware including a traditional fitch catch and lift, spiral balance mechanism as standard. Assisted lift spiral balance is available as a special order.

Available finished in any RAL colour with up to 10 years guarantee on the paint finish. See pages 41–43 for all hardware, glazing and finishing options.

For full specification details see page 14.



All Bar

## BAR DESIGN OPTIONS



Non Bar



Victorian Bar



Marginal Bar

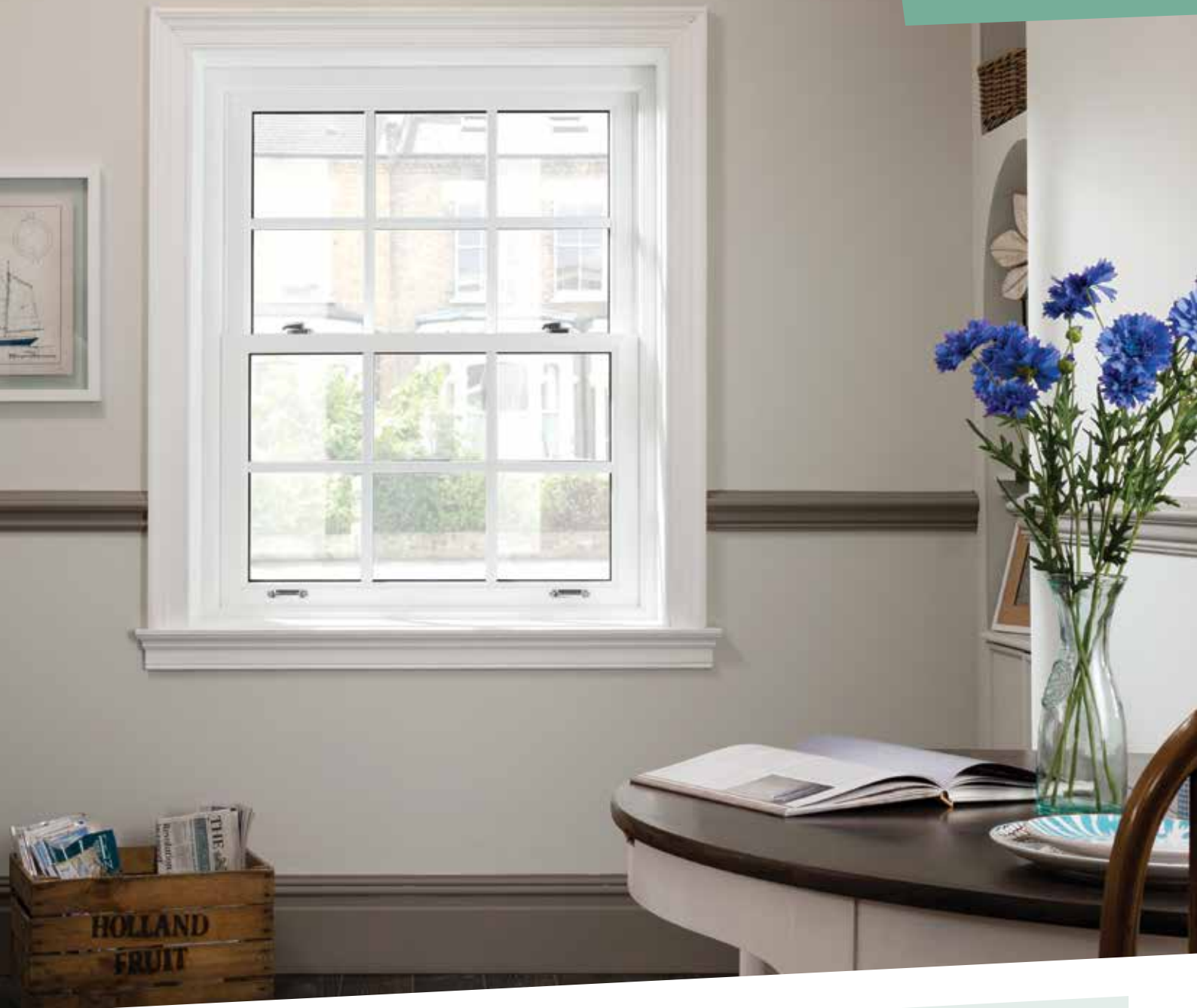


Vertical Bar

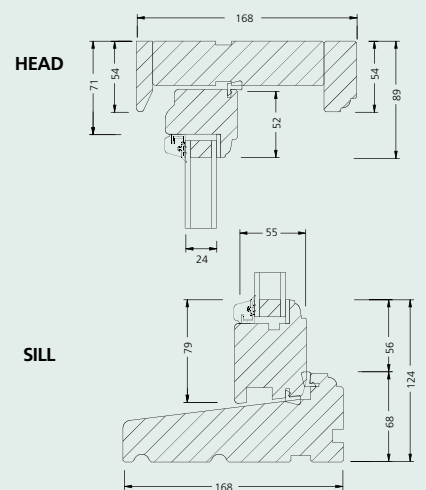


All Bar





SILL & HEAD DETAIL



Vertical Bar





Clockwise from top left: All bar, vertical bar, vertical bar, marginal bar, all bar, non bar



*"We specified JELD-WEN's Sliding Sash windows as we were aware of their made to measure capabilities. It was so important on this project that the windows had an authentic appearance, yet could meet modern thermal performance requirements. The result is a stunning development that retains the aesthetics of this striking building, creating appealing apartments that are already gaining lots of interest."*



# DESIGNER RANGE

Whether its an additional wow factor you're looking for or just a solution for an unusual shaped opening, the Designer range offers it all. We have the capability to produce a wide variety of shapes and sizes to provide the complete house solution.

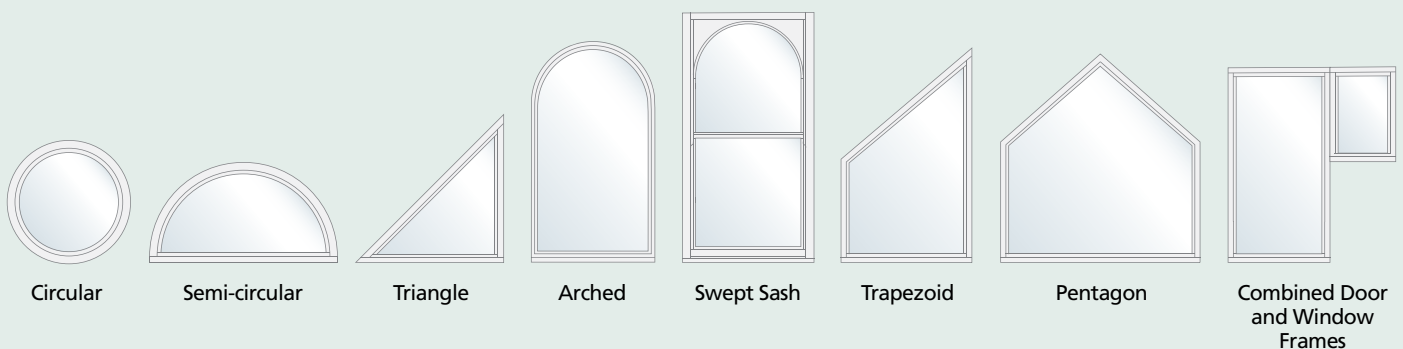
For those projects where special shaped windows are required the Designer range provides a truly bespoke offer. Choose from arched, circular, semi-circular and triangular shaped windows plus many more special designs including simulated divided lite versions, to create a window that suits your specific project needs.

Suitable for a wide variety of applications, many of our shaped frames can also be used as top lights over exterior doors. We also supply combined window and door frames using any standard Elegance or Stormsure softwood window and external door frame and assemble them with continuous heads.

Call us to discuss your specific project requirements on **0845 122 2892**.



## DESIGN OPTIONS









# BAY WINDOWS

We offer bay window solutions in almost every window design in our range, so you can achieve a continuous look throughout the whole property. Choose from square, splay or oriel bay window options from some of our most popular window designs.

Square and splay bay windows are available in our Elegance, Stormsure Casements, Regency and Sliding Sash (Excluding Regal Box Sash) window ranges. A standard 45° splay or 90° square bay will have two return ends of equal size, but we supply a single return end if required, please specify when ordering.

We can also supply 30°, 60° and Oriel bays which are available on special order.

As with all our window ranges, our bay windows are completely made to measure to suit your requirements, call us on **0845 122 2892** to discuss your specific project needs.

For more detailed product specifications, Building Regulation advice, plus a selection of bay windows examples download the '**External Joinery Technical Specification Guide**' from [jeld-wen.co.uk](http://jeld-wen.co.uk).



Splay Bay



## DESIGN OPTIONS



Square Bay



Splay Bay



Oriel Bay







# CAVITY CLOSERS

Our BBA certified cavity closer system is an installation option for the JELD-WEN window range and guarantees compliance with Approved Document L of Building Regulations when closing the cavity around the window openings.

## Universal closer system

Our standard Universal cavity closer system suits 75mm and 100mm cavities, other sizes as shown are available on a special order. Please specify which ones you need when ordering. Fixing packs are available separately – see price list for details. If using a thin joint mortar construction method, we can supply a thin joint brick tie on special order.

## Big Blok closer system

Recognising the need for super insulated homes, we offer a super insulating Big Blok closer which are designed to fit into the larger cavity sizes. Our Big Blok closer system suits 125mm and 150mm cavities and other sizes as shown are available on a special order.

## Fire stops

Fire stops are not normally needed in conventional masonry construction but when they are needed we offer the Flameblok cavity closer system. This is a one hour fire rated all in one cavity closer option available to suit 100mm, 125mm and 150mm cavities.

## Certification

These are the certification details for our cavity closer systems:

Flameblok Fire certification – Chilt/IF09035 in accordance with general principles of BSEN 1363-1:1999

BBA certification 00/3673

Our cavity closer systems are made from 100% post consumer recycled PVC-U. With an ODP and GWP of zero, this product is ideal to meet sustainable construction standards.

## Frame hangers

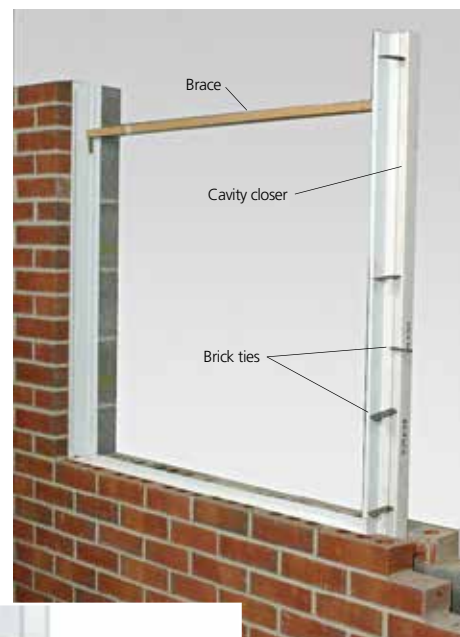
If you are using cavity closers in a timber frame construction, please check with our technical team to ensure you choose the correct specification. Frame hangers suitable for cavities 50mm and 75mm are available to special order.

When you order a window to fit into a cavity closer, always state this on the order. Cavity closer orders will only be accepted when JELD-WEN windows are being supplied.

Brick fixing ties will automatically be added to your order when ordering a cavity closer system. Please let us know if you do not require them.

You can also order a window fixing pack which includes screws, packers and ties. Ask a member of staff for details.

For bespoke window sizes, orders or further information on all of these systems contact the sales office or view the technical manual on our website.



In check installation detail

## Examples of brickwork opening sizes for windows when using cavity closers

Actual window size (mm)	Brickwork opening size (mm)
625 x 895	642 x 908
910 x 1045	927 x 1058
1195 x 1195	1212 x 1208
1765 x 1345	1782 x 1358

## Cavity opening sizes

	50mm	75mm	100mm	125mm	140mm	150mm	170mm	200mm	300mm
Universal	X	✓	✓	X	X	X	X	X	X
Big Blok	X	X	X	✓	SO	✓	SO	SO	SO
Flameblok	X	X	SO	SO	X	SO	X	X	X
Timber Frame Hangers	SO	SO	X	X	X	X	X	X	X

✓ = available X = not available SO = Special order.  
Minimum order value applies.

# HARDWARE

JELD-WEN's windows are supplied factory fitted with stylish handles suited to match many of our exterior doorset and patio ranges. All finishes are salt spray tested to 480 hours (BS EN 1670: Class 5) coupled with a 10 year manufacturing guarantee.

## ELEGANCE, STORMSURE ENERGY+, STORMSURE STANDARD, STORMSURE OAK AND REGENCY CASEMENT



**Hardex Handles**  
Polished chrome (standard), satin chrome, gold, bronze, white, black, antique black



**Hardex Monkey Tail Handle**  
Antique black  
(Specify left/right)



**Hardex Monkey Tail Mock Stay**  
Antique black



**Vents**  
White, grey, conservation green, brown

## REGAL BOX SASH



**Fitch Catch**  
Gold (standard), chrome



**Sash Lift**  
Gold (standard), chrome



**Gold Ring Pull**  
Gold (standard), chrome



**Vents**  
White, brown

## SLIDING SASH (none SBD options only)



**Fastener and Keep**  
Polished chrome (standard), satin chrome, gold, bronze, white, black, antique black



**Sash Lift**  
Polished chrome (standard), satin chrome, gold, bronze, white, black, antique black

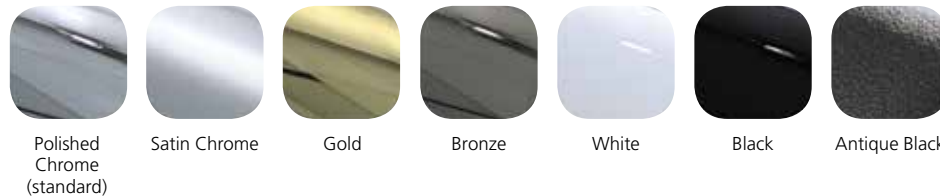


**Deluxe Tension Key**  
(optional extra)



**Vents**  
White, brown

## COLOUR REFERENCES



## ADDITIONAL HARDWARE



**Restrictor**  
inc. Peg and Packer



**Lockable Cord Restrictor**  
Polished chrome (standard), white and brass



Download our hardware catalogue at [jeld-wen.co.uk](http://jeld-wen.co.uk)



# GLAZING & FINISHING

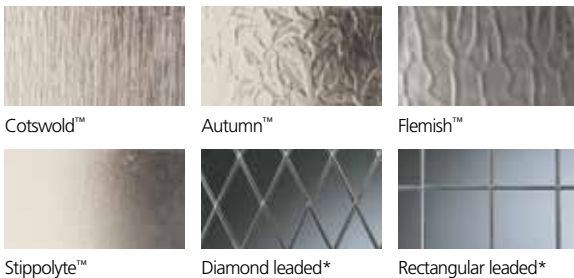
We recommend ordering factory painted and glazed products to ensure they are finished correctly in order to protect and maintain their appearance for as long as possible.

## GLAZING OPTIONS

Our glazing units are supplied by Pilkington and come with a 10 year guarantee. The obscure glass options shown below are the most common options, with Cotswold™ glass fitted as the standard. If you want a different specification give us a call to discuss your requirements.

Using 'low emissivity' coated glass units helps to reduce the amount of internal condensation, normally produced when warm moist air comes into contact with a cold surface, due to its energy efficient performance compared to conventional uncoated or single glazing. All low-E glass types retain more heat in the home.

Leaded glass is not available for simulated divided lite windows. Leaded lites are supplied to match JELD-WEN standard designs. If you require equal divided designs please specify when ordering.

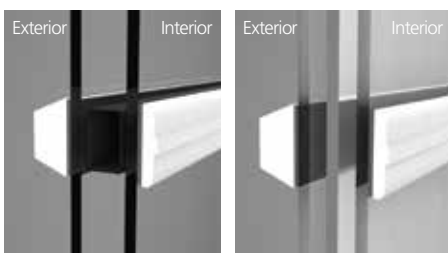


\* Not available with simulated divided lite design

## BAR DESIGNS

**Simulated divided lite** has bonded fret bars on the outside and inside with an aluminium integral bar in the glass unit and gives better thermal performance than a traditional divided lite. This is available across the whole window range. The fitted fret has a tolerance of +0mm/-2mm.

**Triple glazed windows with bars** have timber frets internally and externally however there is no integral bar inside the unit.



Double glazed simulated bars Triple glazed simulated bars



Dual colour

## GLAZING SUPPLIED BY PILKINGTON™

The combination of JELD-WEN window range performance and design combined with Pilkington **energiKare™™** insulating glass units means there is a window range suitable for every project.

The Pilkington **energiKare™™** range has high light transmittance and appears virtually the same as clear float glass. In certain circumstances all low emissivity coatings may produce transient visual effects. In oblique lighting the coating may look like a transparent film or produce a haze, i.e. a cloudy look to the surface. When light coloured objects such as net curtains are placed close to the glazing they will look slightly darker.

All low-E glass types retain more heat in the home. As a result of the improved thermal efficiency the outer face of glass will be cooler and there may be more occurrences of external condensation than with thermally inefficient glazing.

## ENERGY RATED OPTIONS

For windows **Energy rated A** and above will be supplied with Pilkington Optiwhite™ as standard. This is available as an optional extra on other windows, please enquire.

For windows **Energy rated B** and under will be supplied with Pilkington Optifloat™ KS as standard.



Pilkington Optiwhite™

Pilkington Optifloat™ KS

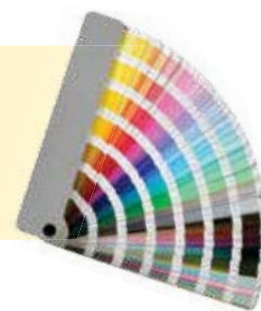
## IMPROVED SOLAR CONTROL

We offer a range of solar controlled glazing options from the Pilkington range, please call us to discuss your requirements.

## Add a splash of colour...

If you want to add a touch of colour to the outside of a property choose from our standard colour palette below. Alternatively, if you don't like any of these you can pick any RAL colour you like!

We also offer dual colour finishing on all casement windows giving you lots to choose from. Dual colour is not available on Sliding Sash and Regal Box Sash windows.



### Standard paint options



Primed (Grey)  
for site finishing

Hi-Build White  
BS 00E 55 (10yr)

### Hi-Build paint options



Gardenia  
BS 10 B 15 (10yr)

Cream White†  
RAL 9001 (8yr)

Buttermilk  
BS 10 C 31 (10yr)

Light Ivory†  
RAL 1015 (8yr)

Dark Red†  
RAL 3001 (6yr)

Pastel Blue†  
RAL 5024 (6yr)

Sapphire Blue†  
RAL 5003 (6yr)

Turquoise Blue†  
RAL 5018 (6yr)



Pastel Green†  
RAL 6019 (8yr)

Conservation Green\*  
BS 12 B 19 (6yr)

Reed Green†  
RAL 6013 (6yr)

Forest Green†  
RAL 6028 (6yr)

Pebble Grey†  
RAL 7032 (6yr)

Stone Grey†  
RAL 7030 (6yr)

Powder Grey†  
RAL 7040 (6yr)

Dusky Grey\*  
RAL 7037 (6yr)



Iron Grey†  
RAL 7011 (6yr)

Slate Grey†  
RAL 7015 (6yr)

Anthracite Grey†  
RAL 7016 (6yr)

Black Grey†  
RAL 7021 (6yr)

Black†  
RAL 9017 (6yr)

\*Matching ventilators available at extra cost.

†Minimum order quantity will apply.

### Hi-Build stain options

#### Oak



Golden Oak (6yr)

Dark Oak (6yr)

#### Softwood



Baltic (6yr)

Basecoat stain for  
site finishing

Golden oak (6yr)

Dark oak (6yr)

Baltic (6yr)

Finishing options shown are for guidance purposes only. There may be some variation to the finished product supplied.

## FINISHING EXTERNAL JOINERY

It is important that timber products are finished correctly to prolong their life and keep them looking beautiful. We recommend buying fully finished painted or stained windows from us, giving you a great finish that protects and maintains their appearance while saving you the time and cost of finishing them on site.

Products will arrive ready to fit, requiring nothing more than a light clean with a soft sponge and soapy water to retain their condition.

If you do want to finish windows on site, make sure you choose a good quality primer and Hi-Build paint or stain which is microporous to protect the timber, whilst allowing it to breathe. It is essential that windows are finished before you expose them to the elements.

## GUARANTEES

Our Hi-Build paint and stains are microporous which allow moisture to be released whilst protecting the timber. We guarantee our paint finishes for up to 10 years on a selection of colours.

Light colours carry a higher warranty than dark colours as they don't absorb the heat as quickly – **see the number in brackets to demonstrate the guarantee period on each colour.** Metallic and fluorescent colour options are not available.

For more information see page 185.

Refer to our website for our full factory finishing and maintenance guidelines.





DARWIN Folding Sliding  
Patio Doorset

# EXTERIOR DOORSETS & PATIOS

<b>Choosing</b> Exterior Doorsets and Patios	46
<b>Specification Comparison Guide</b>	48
<b>Single</b> Doorsets	
<b>INSULUX</b> Timber Composite	50
<b>Castle</b> GRP Composite	54
<b>Steel</b>	59
<b>DreamVu™</b> Softwood	60
<b>Farndale</b> Softwood	62
<b>French</b> Patio Doorsets	
<b>Canberra</b> Solid Oak	64
<b>Darwin</b> Hardwood	65
<b>DreamVu™</b> Softwood	66
<b>Farndale</b> Softwood	68
<b>Folding Sliding</b> Patio Doorsets	
<b>Canberra</b> Solid Oak	70
<b>Darwin</b> Hardwood	72
<b>Sliding</b> Doorsets	
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# CHOOSING EXTERIOR DOORSETS & PATIOS

Make an entrance with a wide range of exterior doorsets and patios from JELD-WEN. Our range offers versatility to meet the demands of the most challenging projects, and investing in good quality timber products means they will still look beautiful years after installation. Remember to select a product that enhances the property and keep a consistent theme throughout by choosing a design that complements other external woodwork, such as windows.

If space is restricted we have a wide range of standard sized doorsets to cater for all tastes and budgets, whilst our made to measure service is also available on selected products.



## SPECIFICATION

JELD-WEN exterior doorsets are available in a choice of materials; choose patio doorsets in engineered solid oak, softwood or hardwood for added strength and stability or choose an exterior doorset in composite materials for increased thermal performance and efficiency. Single, French, folding sliding or sliding doorsets are all available, making JELD-WEN your one stop shop for external joinery.



## PERFORMANCE

A good locking system is essential on any exterior doorset, which is why we fit the very best multi-point systems as standard on our complete doorsets. Our doorsets include ranges that meet PAS 24 or Secured by Design security test standards, where enhanced security performance is required. Double or triple glazing options are also available for added thermal efficiency, with  $U$  values down to  $1.0 \text{ W/m}^2\text{K}$  where applicable.



## FINISH

Choosing a factory painted or stained doorset will save installation time, minimise maintenance and provide reassurance of a high quality appearance that is guaranteed for up to 10 years. All finished doorsets are finished with a high quality microporous paint or stain, which allows moisture to be released whilst protecting the timber. They can be supplied in any RAL colour, including dual colour, to suite with other JELD-WEN exterior joinery if required.



FOLDING SLIDING



SINGLE



FRENCH



SLIDING

PATIO COMPONENT CONSTRUCTION



Oak

Hardwood

Softwood



For more technical info download our **Technical Specification Guide**



# EXTERIOR DOORSETS & PATIOS SPECIFICATION COMPARISON GUIDE

	INSULUX Timber Composite	Castle Composite – Standard & FD30	DreamVu™ – Single and French	
Specification	Door construction	AluClassic® - insulating foam core, laminated veneer lumber stiles and rails. Routed Alutherm facings	Insulating foam core, moulded thermoset GRP skins	Engineered softwood
	Door thickness	55mm	44mm	64mm
	Frame material	Engineered hardwood	Engineered softwood, oak or hardwood	Engineered Softwood
	Sill material	Hardwood standard. Aluminium option	Hardwood standard. Aluminium option	Low level aluminium
	Glazing	Double - 28mm Low-E insulating. Obscure Cotswold™ as standard. 6.8mm laminated/toughened. Other options available	Double - 24mm Low-E insulating. Obscure Cotswold™ as standard. Other options available	28mm toughened/laminated double glazing as standard or triple glazing optional
	Beading	External timber composite pinless beading for painted finishes. Pinned hardwood for stain	Glazing cassette	Timber-composite pinless external beading on factory paint finished and glazed doorsets
	Ventilation	Not available	Not available	No vents as standard
	Spacer bar	Black standard, white and grey optional	Black standard, white and grey optional	Black standard, white and grey optional
Operation	Operational detail	Open in/out left hand or right hand hung	Open in/out left hand or right hand hung	French open in or open out
	Locking detail	Multi-point espagnolette locking. Thumb-turn handle (chrome standard, gold option) with split spindle standard to front doors. Key/Key Vectis lock standard to rear doors	Multi-point espagnolette locking. Key/Key Vectis lock standard. Thumb-turn with split spindle option. FD30 - thumb-turn, standard.	Multi-point espagnolette locking key/key Vectis Plus lock
	Handles	Inline locking polished chrome standard or white, black, brushed chrome, bronze and gold options	Inline locking polished chrome standard or white, black, antique black, brushed chrome, bronze and gold options	Black standard, white and grey optional Inline polished chrome as standard, choice of six colours
Dimensions	Standard or made to measure	Made to measure & standard	Made to measure & standard	Made to measure & standard
	Brickwork tolerance guidance	12mm overall	12mm overall	12mm overall
	Frame section size (inc. head)	50 x 91mm at head	56 x 66mm at head	92mm front to back
	Sill sizes	Timber 170mm standard, 140mm option. 25mm low level aluminium threshold	Timber 170mm standard, 140mm option. 25mm low level aluminium threshold	117mm open in, 120mm open out
	Standard doorset sizes (exc side lights) - Min/Max	Width: 854mm/943mm/1006mm Height: 2086mm	Width: Standard - 854mm/943mm/1006mm FD30 - 854mm/930mm/1006mm Height: 2086mm	<b>Single</b> - Width: 844, 920mm / Height: 2088mm <b>French</b> - Width: 1188, 1488 & 1788mm / Height: 2088mm
Side/half side lights/top lights	Optional	Optional on standard only	Width: 300, 450 & 600mm Height: 2088mm Top-lights available	
Finish options	Finish	Factory paint and stain finish to frame and door including dual finish paint options	Door - choice of colours for external face, white internal. Frame - Factory finish options	Factory paint and stain finish to frame and door(s) including dual finish paint options
	Bar designs	N/A	N/A	Optional
	Hardware accessories	Front doors: Chrome security chain, viewer, threshold and rain deflector. Gold option. Polished chrome letter plate to front doors as standard. Colour options see handles. White internal letter plate cowl supplied loose. Rear doors: chain viewer and letter plate optional	Front doors: Chrome security chain, viewer, threshold and rain deflector. Gold option. Polished chrome letter plate to front doors as standard. Colour options see handles. White internal letter plate cowl supplied loose. Rear doors: chain viewer and letter plate optional	Chrome threshold & rain deflector as standard, gold option. Handles supplied loose for fitting on site.
Performance	U values (factory glazed)	1.2-1.6 W/m²K	1.0-2.0 W/m²K	1.1 -1.5 W/m²K
	Secured by Design	Standard	Optional	Standard
	Approved Document Q	Standard	Optional	Standard
	Approved Document M - M1	943mm and above	930mm and above	Single - 961mm and above
	Exposure rating	800X	800X N/A Fire Door	800X
	Air permeability	Class 4	Class 2	Class 3
	Wind loading	Class C4	Class C2/C3	Class C2/C3
	Performance testing	BS6375: Part 1:2009	BS6375: Part 1:2009	BS6375: Part 1:2009
	Strength/operation testing	BS6375: Part 2&3:2009	BS6375: Part 2&3:2009	<b>Single</b> - BS6375: Part 2&3:2009 <b>French</b> - BS6315: Part 2
	Acoustic performance	No performance declared	No performance declared	Up to 34dB
	Responsibility	FSC®	FSC®	FSC®

FS\* = Folding Sliding

This information provides you with a comparison of the specification across our exterior doorset and patio ranges. See the 'External Joinery Technical Specification Guide' on our website for more technical detail.

Farndale – Single and French	Canberra – French and Folding Sliding	Darwin – French and Folding Sliding	Fenton – Sliding
Engineered softwood	Solid oak laminate	Solid hardwood laminate	Engineered softwood
54mm	54mm	54mm	54mm
Engineered softwood	Oak veneer	Solid hardwood laminate	Engineered softwood
Aluminium and timber	Aluminium and timber	Aluminium and timber	Aluminium and timber
28mm toughened double or triple glazing	28mm toughened double glazing and triple glazing options	28mm toughened double glazing and triple glazing options	26mm toughened double glazing with leaded design option available
Timber-composite pinless external beading on factory paint finished and glazed doorsets	Fully finished oak bead. Externally pinned	External timber composite pinless beading for painted finishes. Pinned hardwood for stain	Externally beaded
Trickle ventilation through head of the door top rail. White as standard, brown, grey, green optional	Trickle ventilation through head of the door top rail. Brown	Trickle ventilation through head of the door top rail. White as standard, grey, green and brown optional	Trickle ventilation through head of the fixed door top rail. White as standard
Black standard, white and grey optional	Black standard, white and grey optional	Black standard, white and grey optional	Black standard, white and grey optional
French open in or open out	Top hung folding sliding or French open out options	Top hung folding sliding or French open out options	Sliding double or single left hand or right hand doors on smooth nylon runners
Multi-point espagnolette locking key/key Vectis Plus lock	Multi-point espagnolette locking key/key or key/thumb depending on configuration	Multi-point espagnolette locking key/key or key/thumb depending on configuration	4 point bolt locking system
Inline polished chrome as standard, choice of six colours	Inline polished chrome as standard, choice of six colours	Inline polished chrome as standard, choice of six colours	Brushed chrome
Made to measure & standard	Folding sliding: made to measure & standard French: standard only	Folding sliding: made to measure & standard French: standard only	Standard only
12mm overall	12mm overall	12mm overall	12mm overall
91mm front to back	FS* 139mm front to back, French 91mm	FS* 139mm front to back, French 91mm	137mm front to back
170mm	190mm - Folding Sliding, 170mm - French 170mm - Side lights	190mm - Folding Sliding, 170mm - French 170mm - Side lights	166mm
<b>Single</b> - Width: 844, 930mm / Height: 2088mm <b>French</b> - Width: 1188, 1488 & 1788mm / Height: 2088mm	<b>FS</b> - Width: 1794-4794mm / Height: 1944-2094mm <b>French</b> - Width: 1194, 1494, 1794mm /Height: 2094mm	<b>FS</b> - Width: 1794-4794mm / Height: 1944-2094mm <b>French</b> - Width: 1194, 1494, 1794mm /Height: 2094mm	Width (exc sidelights) - Single: 1588, 1788, 2088, 2388 / Double: 3576, 4176, 4776mm Height - 2088mm
Width: 300, 450 & 600mm Height: 2088mm Top-lights available	Width: 300, 450 and 600mm Height: 2094mm	Width: 300, 450 and 600mm Height: 2094mm	Width: 968, 1118 & 1268mm Height: 2088mm
Factory paint and stain finish to frame and door(s) including dual finish paint options	Factory paint and stain finish to frame and doors	Factory paint and stain finish to frame and doors	Factory paint and stain finish to frame and doors
Optional	Marginal bar available on French. Various bar options available on folding sliding	Marginal bar available on French. Various bar options available on folding sliding	Optional
Chrome threshold & rain deflector as standard, gold option	<b>FS</b> - Brushed steel hardware as standard, Titanium or Gold options <b>French</b> - thresholds, rain deflector polished chrome or Gold options	<b>FS</b> - Brushed steel hardware as standard, Titanium or Gold options <b>French</b> - thresholds, rain deflector polished chrome or Gold options	N/A
1.1 -1.6 W/m <sup>2</sup> K	<b>Folding Sliding</b> - 1.3-1.7 W/m <sup>2</sup> K <b>French</b> - 1.3-1.6 W/m <sup>2</sup> K	<b>Folding Sliding</b> - 1.3-1.7 W/m <sup>2</sup> K <b>French</b> - 1.3-1.6 W/m <sup>2</sup> K	1.4 -1.5 W/m <sup>2</sup> K
Optional	<b>Folding Sliding</b> - optional <b>French</b> - optional	<b>Folding Sliding</b> - optional <b>French</b> - optional	Not available
Optional	N/A	N/A	Not available
Single - 952mm and above 800X	N/A 800X	N/A 800X	N/A No performance declared
Class 3	Class 3	Class 3	No performance declared
Class C2	Class C2	Class C2	Class C3
BS6375: Part 1:2009	BS6375: Part 1:2009	BS6375: Part 1:2009	No performance declared
Single - BS6375: Part 2&3:2009 French - BS6315: Part 2	No performance declared	No performance declared	No performance declared
Up to 31dB	No performance declared	No performance declared	No performance declared
FSC®	FSC®	FSC®	FSC®



# INSULUX

## TIMBER COMPOSITE DOORSETS

Our timber composite doorsets offer an advanced solution for added security and warmth. Constructed with internal aluminium interlayers for stability and security, and a foam core that delivers great  $U$  values down to  $1.2 \text{ W/m}^2\text{K}$  for the doorset.

A high quality, 55mm thick, pre-hung door in a hardwood frame and 170mm hardwood sill. Available in a selection of panel and glazed door designs, side and top light frame options, plus a range of standard and made to measure sizes including Approved Document M mobility compliant options.

Supplied with high quality ERA hardware including multi-point locking system with thumb-turn operation, key/key lock is available. PAS 24 specification as standard, meeting the requirements of Approved Document Q and Secured by Design.

Available factory finished in any RAL colour including dual colour options, so you can specify one colour for the exterior and an alternative colour for the interior – all with up to 10 years guarantee on the paint finish. See pages 75–77 for all hardware, glazing and finishing options.

For full specification details see page 48.

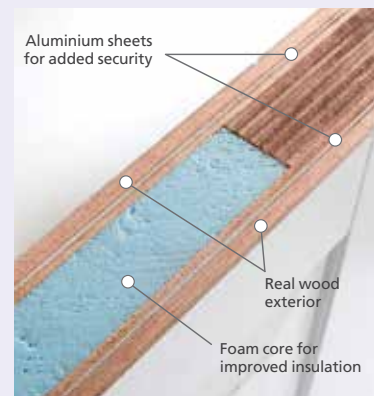
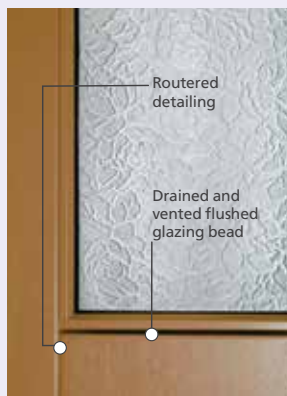


### ENGINEERING PERFORMANCE

The performance of the doorset is further enhanced by the drained and vented flush glazing bead, along with the routed skin patterns that are designed to deflect the weather away from more vulnerable areas.

### THERMAL PERFORMANCE AT IT'S BEST

The **INSULUX** range is made from an AluClassic® door blank, which has an 30mm thick insulating foam core and 100mm wide LVL (laminated veneer lumber) stiles and rails overlaid by 12.5mm AluPlex® panels giving a total depth of 55mm. Aluminium layers within the AluPlex® panels provide added stability and security to our doorsets.





Beaumanor



Stanford



Osbourne



Haddon

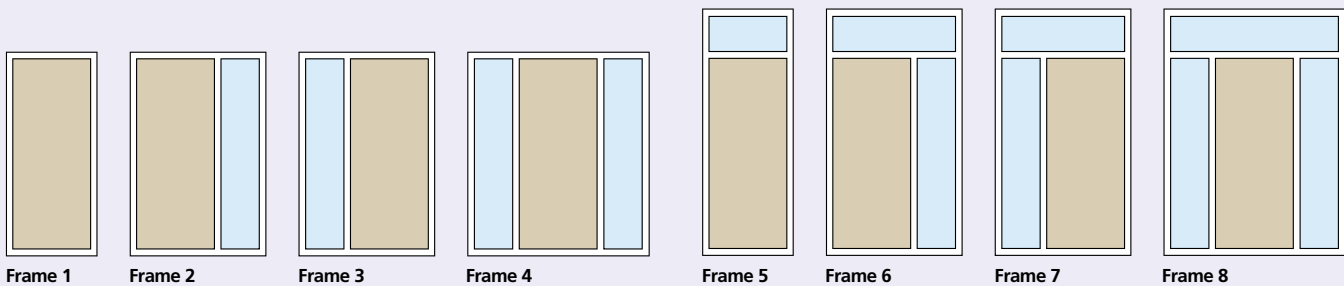




Haddon

## FRAME OPTIONS

Hardwood side and top lights are available, the table opposite shows both made to measure and standard doorset minimum and maximum frame sizes to help you get the perfect fit. Top lights are direct glazed. Side lights are separate units fitted with the frame.



Frame 1

Frame 2

Frame 3

Frame 4

Frame 5

Frame 6

Frame 7

Frame 8



Osbourne



Beaumanor



Burghley



Stapleford



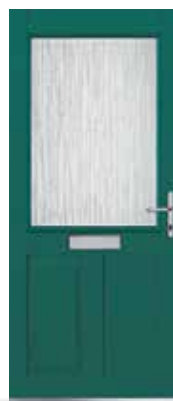
Longleat



Barrington



Haddon



Stanford

	Osbourne	Beaumanor	Burghley
Frame size (mm) WxH			
854x2086	26OSB+DHFF	26BMR+DHFF	26BGH+DHFF
943x2086	M1295OSB+DHFF	M1295BMR+DHFF	M1295BGH+DHFF
1006x2086	30OSB+DHFF	30BMR+DHFF	30BGH+DHFF

Doorset U value 1.2W/m<sup>2</sup>K.

	Stapleford	Longleat	Barrington
Frame size (mm) WxH			
854x2086	26SFD+DHFF	26LGT+DHFF	26BGT+DHFF
943x2086	M1295SFD+DHFF	M1295LGT+DHFF	M1295BGT+DHFF
1006x2086	30SFD+DHFF	30LGT+DHFF	30BGT+DHFF

Doorset U value 1.2–1.6W/m<sup>2</sup>K.

	Haddon	Stanford
Frame size (mm) WxH		
854x2086	26HDN+DHFF	26SAF+DHFF
943x2086	M1295HDN+DHFF	M1295SAF+DHFF
1006x2086	30HDN+DHFF	30SAF+DHFF

Doorset U value 1.5–1.6W/m<sup>2</sup>K.

## FRAME SIZE LIMITATIONS

Made to measure and standard sizes

	Doorset Size (mm)	Frame Width (mm)		Frame Height (mm)	
		Min	Max	Min	Max
Frame 1	Made to measure	814	1078	1976	2395
	854x2086	854	854	2086	2086
	943x2086	943	943	2086	2086
	1006x2086	1006	1006	2086	2086
Frame 2 / 3	Made to measure	1111	1945	1976	2095
	854x2086	1151	1721	2086	2086
	943x2086	1240	1810	2086	2086
	1006x2086	1303	1873	2086	2086
Frame 4	Made to measure	1408	2395	1976	2095
	854x2086	1448	2395	2086	2086
	943x2086	1537	2395	2086	2086
	1006x2086	1600	2395	2086	2086
Frame 5	Made to measure	814	1078	2201	2395
	854x2086	854	854	2311	2395
	943x2086	943	943	2311	2395
	1006x2086	1006	1006	2311	2395
Frame 6 / 7	Made to measure	1111	1945	2201	2395
	854x2086	1151	1721	2311	2395
	943x2086	1240	1810	2311	2395
	1006x2086	1303	1873	2311	2395
Frame 8	Made to measure	1408	2395	2201	2395
	854x2086	1448	2395	2311	2395
	943x2086	1537	2395	2311	2395
	1006x2086	1600	2395	2311	2395



# CASTLE

## COMPOSITE DOORSETS

A high quality GRP composite doorset, with a woodgrain finish to give a natural look of real timber. The thermoset manufacturing process means the panel will not expand or contract with changing temperature, ensuring this door offers long lasting performance.

Castle Composite doorsets offer fantastic thermal efficiency with  $U$  values down to  $1.0 \text{ W/m}^2\text{K}$  for the doorset, plus the doors won't require decorating, saving install time and future maintenance costs.

A high quality, 44mm thick pre-hung door in a white painted softwood frame (hardwood and oak optional) and 170mm hardwood sill (140mm option). Available to order in a selection of traditional and contemporary door designs, side and top light frame options, plus a range of standard and made to measure sizes including Approved Document M mobility compliant options (943mm wide or above).

Supplied with high quality ERA hardware including multi-point locking system with key/key operation (thumb-turn optional). PAS 24 specification supplied as standard, meeting the requirements of Approved Document Q and Secured by Design.

Available in a choice of 7 exterior colours with white interior. See pages 75-77 for all hardware, glazing and finishing options.

For full specification details see page 48.



## CASTLE FIRE DOORSETS

Our FD30 Castle Composite fire doorsets provide 30 minutes fire resistance and are tested and approved to EN 1634-1 a global assessment.

Available in selection of traditional and contemporary door designs, plus a range of standard and made to measure sizes including Approved Document M mobility compliant options (930mm wide or above).

Available in a choice of 5 exterior colours with white interior see page 77 for details.

PAS 24 specification options available to meet the requirements of Approved Document Q and Secured by Design.

For full specification details see page 48.





Lincoln



Tilsbury



Richmond



Belvoir



## TRADITIONAL DESIGNS



Belvoir Lincoln Howard Dunster Walden Barnard



Tilsbury Clifford Rising Upnor Reeve

	Belvoir	Lincoln	Howard	Dunster	Walden	Barnard
Frame size (mm) WxH						
854x2086	26BVR+DSFF	26LCO+DSFF	26HWD+DSFF	26DTR+DSFF	26WDN+DSFF	26BND+DSFF
943x2086	M1295BVR+DSFF	M1295LCO+DSFF	M1295HWD+DSFF	M1295DTR+DSFF	M1295WDN+DSFF	M1295BND+DSFF
1006x2086	30BVR+DSFF	30LCO+DSFF	30HWD+DSFF	30DTR+DSFF	30WDN+DSFF	30BND+DSFF

Doorset U value 1.0–1.2W/m<sup>2</sup>K.

	Tilsbury	Clifford	Rising	Upnor	Reeve*
Frame size (mm) WxH					
854x2086	26TBY+DSFF	26CFD+DSFF	26RSG+DSFF	26UPR+DSFF	26RVE+DSFF
943x2086	M1295TBY+DSFF	M1295CFD+DSFF	M1295RSG+DSFF	M1295UPR+DSFF	
1006x2086	30TBY+DSFF	30CFD+DSFF	30RSG+DSFF	30UPR+DSFF	30RVE+DSFF

Doorset U value 1.0–1.2W/m<sup>2</sup>K.

	Lincoln	Clifford	Rising	Dunster	Barnard	Walden	Tilsbury
Frame size (mm) WxH							
854x2086	FD-26LCO+DSFF	FD-26CFD+DSFF	FD-26RSG+DSFF	FD-26DTR+DSFF	FD-26BND+DSFF	FD-26WDN+DSFF	FD-26TBY+DSFF
930x2086	FD-29LCO+DSFF	FD-29CFD+DSFF	FD-29RSG+DSFF	FD-29DTR+DSFF	FD-29BND+DSFF	FD-29WDN+DSFF	FD-29TBY+DSFF
1006x2086	FD-30LCO+DSFF	FD-30CFD+DSFF	FD-30RSG+DSFF	FD-30DTR+DSFF	FD-30BND+DSFF	FD-30WDN+DSFF	FD-30TBY+DSFF

Doorset U value 1.5–2.5W/m<sup>2</sup>K.

\*Available in white or stained finish only.

## CONTEMPORARY DESIGNS



Farleigh

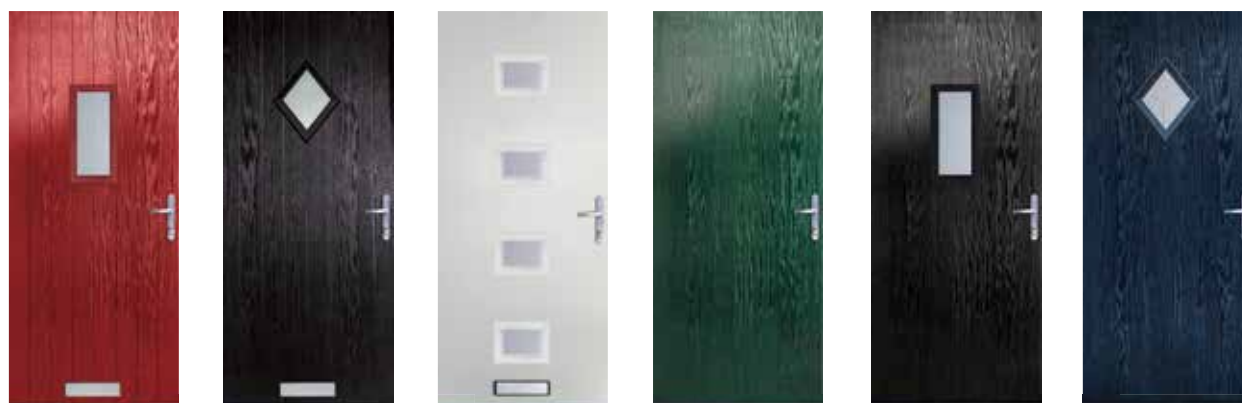
Oxford

Hylton

York

Canterbury

Richmond



Cottage

Keep

Leeds

Rochester

Arundel


Dover

	Farleigh <sup>†</sup>	Oxford	Hylton <sup>†</sup>	York	Canterbury
Frame size (mm) WxH					
854x2086	26FARR+DSFF	26OXF+DSFF	26HYNR+DSFF	26YRK+DSFF	26CAY+DSFF
943x2086	M1295FARR+DSFF	M1295OXF+DSFF	M1295HYNR+DSFF	M1295YRK+DSFF	M1295CAY+DSFF
1006x2086	30FARR+DSFF	30OXF+DSFF	30HYNR+DSFF	30YRK+DSFF	30CAY+DSFF

Doorset U value 1.0–1.1W/m<sup>2</sup>K.

	Richmond <sup>†</sup>	Cottage	Keep	Leeds
Frame size (mm) WxH				
854x2086	26RHDC+DSFF	26COT+DSFF	26KEP+DSFF	26LEE+DSFF
943x2086	M1295RHDC+DSFF	M1295COT+DSFF	M1295KEP+DSFF	M1295LEE+DSFF
1006x2086	30RHDC+DSFF	30COT+DSFF	30KEP+DSFF	30LEE+DSFF

Doorset U value 1.0–1.1W/m<sup>2</sup>K.

	Fire Doorsets 	Rochester	Arundel	Dover	Upnor
Frame size (mm) WxH					
854x2086	FD-26RTR+DSFF	FD-26ADL+DSFF	FD-26DVR+DSFF	FD-26UPR+DSFF	
930x2086	FD-29RTR+DSFF	FD-29ADL+DSFF	FD-29DVR+DSFF	FD-29UPR+DSFF	
1006x2086	FD-30RTR+DSFF	FD-30ADL+DSFF	FD-30DVR+DSFF	FD-30UPR+DSFF	

Doorset U value 1.5–2.0W/m<sup>2</sup>K.

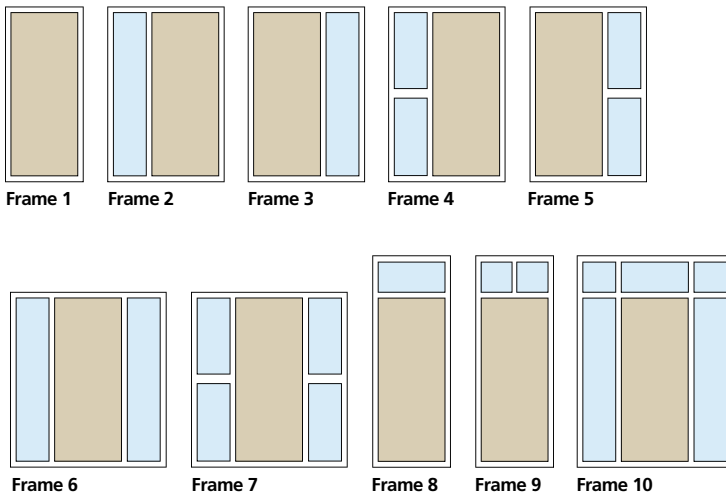
<sup>†</sup>Glazed panels can be to the left, right or centre.  
The codes listed are for glazing on the right.



# CASTLE

## FRAME CONFIGURATIONS

Hardwood side and top lights are available, the table opposite shows both made to measure and standard doorset minimum and maximum sizes to help you get the perfect fit. Side and top lights are direct glazed.



## FRAME SIZE LIMITATIONS

Made to measure and standard sizes

	Doorset Size (mm)	Frame Width (mm)		Frame Height (mm)	
		Min	Max	Min	Max
Frame 1	Made to measure	814	1006	2008	2118
	854x2086	854	854	2086	2086
	943x2086	943	943	2086	2086
	1006x2086	1006	1006	2086	2086
Frame 2 - 5	Made to measure	1039	1871	2008	2118
	854x2086	1119	1719	2086	2118
	943x2086	1195	1795	2086	2118
	1006x2086	1271	1871	2086	2118
Frame 6 / 7	Made to measure	1489	2171	2008	2118
	854x2086	1569	2019	2086	2118
	943x2086	1645	2095	2086	2118
	1006x2086	1721	2171	2086	2118
Frame 8 / 9	Made to measure	814	1006	2190	2395
	854x2086	854	854	2395	2395
	943x2086	943	943	2395	2395
	1006x2086	1006	1006	2395	2395
Frame 10	Made to measure	1489	2171	2190	2395
	854x2086	1569	2019	2395	2395
	943x2086	1645	2095	2395	2395
	1006x2086	1721	2171	2395	2395



Belvoir with top light



Howard with top light

# STEEL

## ADJUSTABLE DOORSET

A pre-hung adjustable doorset system with unique built-in jack system that allows you to expand the frame to cover a maximum of 60mm width tolerance. Ideal for business premises, agricultural buildings as well as residential applications such as garage door access.



### Steel

Frame Size (mm) WxHxD	
880 to 940 x 2075x50	25360
980 to 1040 x 2075x50	25361

Our steel doorset offers both thermal and acoustic resistance due to the honeycomb and resin leaf core construction. **Not suitable for marine or high pollution environments or new build projects where Approved Document Q compliance is required.**



### DOORSET SPECIFICATION

#### Door leaf:

- Robust 50mm thick
- Pre-finished in grey powder coat (RAL 7045)
- Multi-point drill and impact proof locking mechanism
- 2 x force resistant hinge bolts
- Door leaf 54kg
- Pre-cut for hardware fitting
- Handle supplied
- U value 1.6W/m<sup>2</sup>k

#### Frame:

- 1mm cold rolled steel
- Height 2075mm
- 3 fixing points in each side of the frame
- Optional weatherstrip available



# DREAMVU™

## SOFTWOOD DOORSET

If you're looking for a high performance doorset that offers the ultimate in weather resistance and security, then look no further. With 64mm thick door leaves and 28mm double or triple glazing the DreamVu™ softwood doorset offers U values down to 1.1 W/m<sup>2</sup>K.

Supplied with high quality ERA hardware including 5 lever mortice locking technology with cylinder-free multi-point locking (handles supplied loose for fitting on site), this doorset provides PAS 24 specification as standard, meeting the requirements of Approved Document Q and Secured by Design.

Available factory finished in any RAL colour including the option for a dual colour finish, with a choice of glazing and colours. For Hi-Build paint and stain options see page 77.

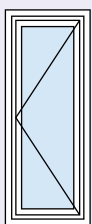
Select from a range of standard sizes shown opposite with side lights to match, or if you have a specific size requirement you can order the DreamVu™ doorset made to measure. Available left or right hand hung with 'open in' (120mm low level aluminium sill) or 'open out' (117mm low level aluminium sill) options.

For the full suite of products for your project you can also order a DreamVu™ French doorset, see page 66 for details.

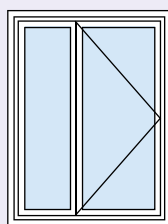
For full specification details see page 48.



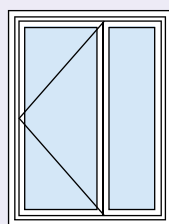
### FRAME OPTIONS



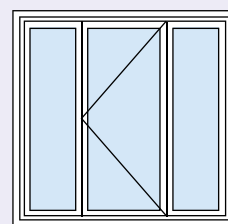
Single doorset



Left side light with single doorleaf



Right side light with single doorleaf



Double side light with single doorleaf





**Single Doorset - open out (open in available)**

Frame Size (mm) WxH	Doorleaf Width (mm)	PAS 24 Security Tested	
844x2088	762	✓	HPDT8X-SFF
920x2088	838	✓	HPDT9X-SFF

**Single Doorset with Double Side Light - open out (open in available)**

Overall Frame Size (mm) WxH	Doorleaf Width (mm)	Side Light (mm)	
1744x2088	762	2x450	HPDT8X4SS-SFF
1820x2088	838	2x450	HPDT9X4SS-SFF
2044x2088	762	2x600	HPDT8X6SS-SFF
2120x2088	838	2x600	HPDT9X6SS-SFF

Doorset U value 1.5W/m<sup>2</sup>K.

**Single Doorset with Single Side Light - open out (open in available)**

	Overall Frame Size (mm) WxH	Doorleaf Width (mm)	Side Light (mm)	
LEFT SIDE LIGHT	1294x2088	762	450	HPDT8X4S/A-SFF
	1370x2088	838	450	HPDT9X4S/A-SFF
	1444x2088	762	600	HPDT8X6S/A-SFF
	1520x2088	838	600	HPDT9X6S/A-SFF
RIGHT SIDE LIGHT	1294x2088	762	450	HPDT8X4S/O-SFF
	1370x2088	838	450	HPDT9X4S/O-SFF
	1444x2088	762	600	HPDT8X6S/O-SFF
	1520x2088	838	600	HPDT9X6S/O-SFF

**Table Guide**

**Note:** All codes shown on this page are for 'open-out' doorsets. For an 'open-in' doorset, please replace the 'X' for an 'N', i.e. HPTD8X becomes HPTD8N. Specify on your order 'open-in' or 'open-out' doorset, configuration and handing.



# FARNDALE

## SOFTWOOD DOORSET

The Farndale softwood single doorset features an attractive, contemporary design, with slim timber sections to maximise the glazed area, helping to create a light airy living space.

With 54mm thick door leaves and 28mm double or triple glazing the Farndale doorset offers *U* values down to 1.1 W/m<sup>2</sup>K.

Supplied with high quality ERA hardware including 5 lever mortice locking technology with cylinder-free multi-point locking (handles supplied loose for fitting on site). PAS 24 specification options are available, to meet the requirements of Approved Document Q and Secured by Design.

Available factory finished in any RAL colour including the option for a dual colour finish, with a choice of glazing and hardware colours. For Hi-Build paint and stain options see page 77.

Select from a range of standard sizes shown opposite with side lights to match, or if you have a specific size requirement you can order the Farndale doorset made to measure to suit. Available left or right hand hung with 'open in' or 'open out' options.

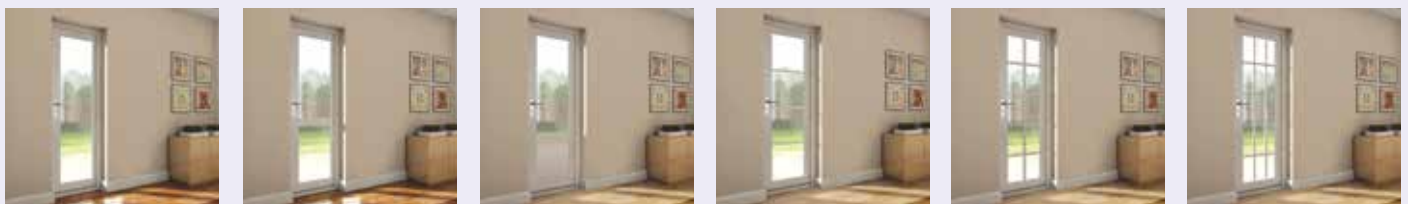
For the full suite of products for your project you can also order a Farndale French doorset, see page 68 for details.

For full specification details see page 48.



Single doorset

### BAR OPTIONS & SIDE LIGHT VARIATIONS



Non bar

Midrail

Midrail with bottom panel

4 light glazing

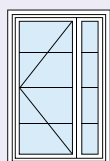
10 light glazing

15 light glazing

#### Side light variations

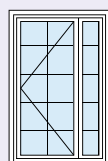
Depending on the width of your chosen side light, the vertical bars may not replicate the bars on the doorleaves. These diagrams illustrate how the bars on the side light vary depending on the width of the side light/s. These variations apply to both single and double side lights.

#### 4 Light

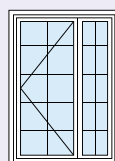


The side light is identical for all 300, 450 or 600mm widths.

#### 10 Light

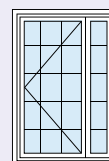


300mm side light

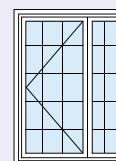


450, 600mm side light

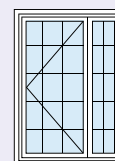
#### 15 Light



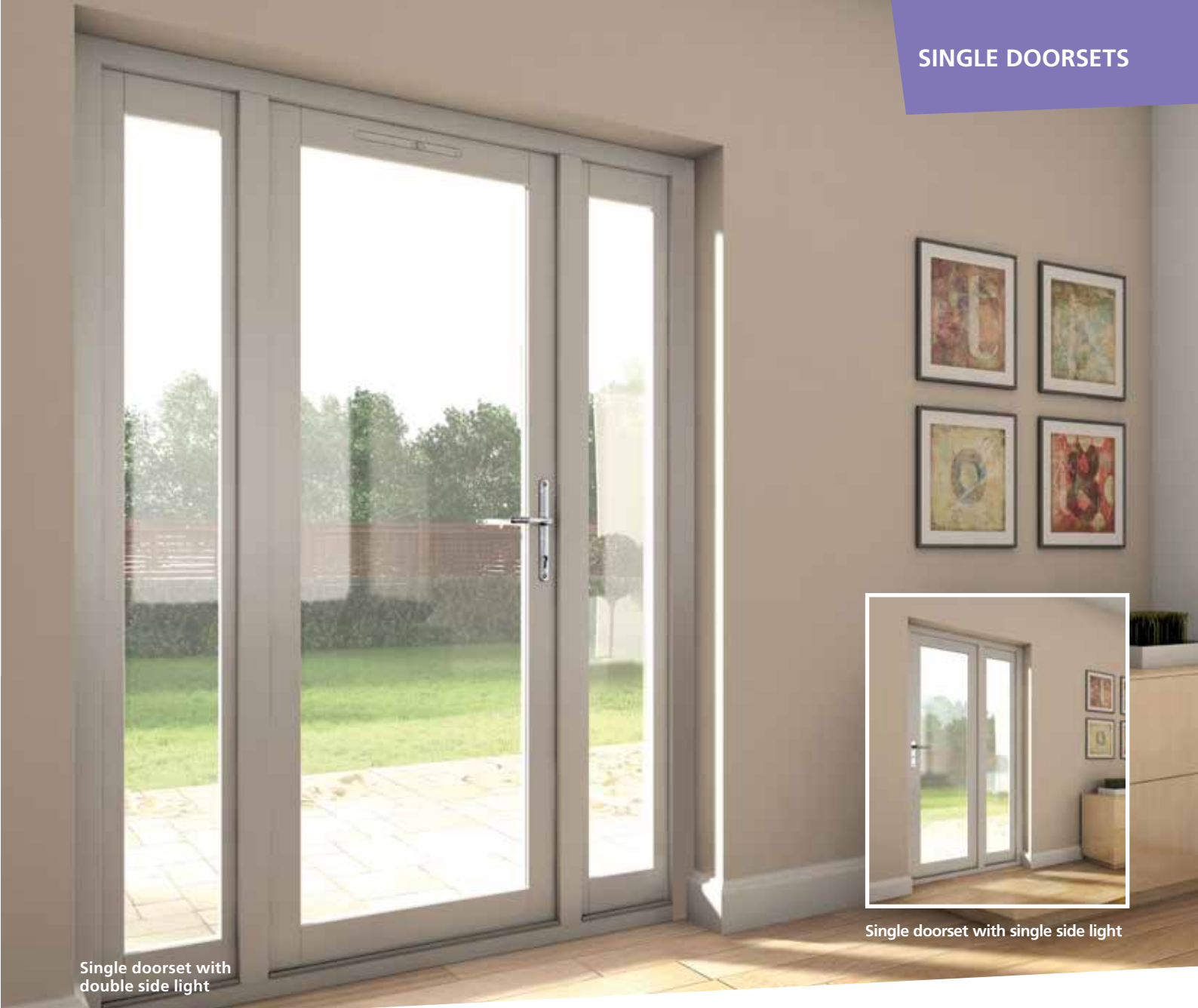
300mm side light



450mm side light



600mm side light



Single doorset with double side light

Single doorset with single side light

**Single Doorset - open out (open in available)**

Frame Size (mm) WxH	Doorleaf Width (mm)	PAS 24 Security Tested	
844x2088	750		FR8X-SFF
844x2088	750	✓	FR8XSBD-SFF
920x2088	836		FR9X-SFF
920x2088	836	✓	FR9XSBD-SFF

**Single Doorset with Double Side Light - open out (open in available)**

Overall Frame Size (mm) WxH	Doorleaf Width (mm)	Side Light (mm)	
1144x2088	750	300	FR8X3SS-SFF
1220x2088	836	300	FR9X3SS-SFF
1294x2088	750	450	FR8X4SS-SFF
1370x2088	836	450	FR9X4SS-SFF
1444x2088	750	600	FR8X6SS-SFF
1520x2088	836	600	FR9X6SS-SFF

Doorset U value 1.5W/m<sup>2</sup>K.

**Single Doorset with Single Side Light - open out (open in available)**

	Overall Frame Size (mm) WxH	Doorleaf Width (mm)	Side Light (mm)	
LEFT SIDE LIGHT	1144x2088	750	300	FR8X3S/A-SFF
	1220x2088	836	300	FR9X3S/A-SFF
	1294x2088	750	450	FR8X4S/A-SFF
	1370x2088	836	450	FR9X4S/A-SFF
	1444x2088	750	600	FR8X6S/A-SFF
	1520x2088	836	600	FR9X6S/A-SFF
RIGHT SIDE LIGHT	1144x2088	750	300	FR8X3S/O-SFF
	1220x2088	836	300	FR9X3S/O-SFF
	1294x2088	750	450	FR8X4S/O-SFF
	1370x2088	836	450	FR9X4S/O-SFF
	1444x2088	750	600	FR8X6S/O-SFF
	1520x2088	836	600	FR9X6S/O-SFF

**Table Guide**

**Note:** All codes shown on this page are for 'open-out' doorsets. For an 'open-in' doorset, please replace the 'X' for an 'N', i.e. FR8X becomes FR8N. Specify on your order 'open-in' or 'open-out' doorset, configuration and handing. Sill depth is 170mm.



# OAK CANBERRA

## SOLID OAK, FRENCH

The Canberra is our premium oak doorset, made using high quality engineered oak. With solid 54mm thick door leaves and 28mm toughened double or triple glazing, its construction brings superior thermal performance reaching  $U$  values down to  $1.3 \text{ W/m}^2\text{K}$ .

Choose from a range of standard frame sizes and side light options listed below, with marginal bar glazing design options available on request. The Canberra French doors have 'open-out' operation as standard.

Supplied factory finished in a choice of golden oak or dark oak stain. For Hi-Build stain options see page 77.

Fitted with high quality ERA hardware including multi-point locking and shoot and drop bolts fitted as standard. PAS 24 specification options are available, to meet the requirements of Approved Document Q and Secured by Design.

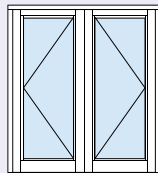
For the full suite of products for your project you can also order a Canberra folding sliding doorset, see page 70 for details.

For full specification details see page 48.



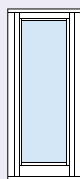
### Double Doorset

Frame Size (mm) WxH	
1194 x 2094	OCFD12X-OFF
1494 x 2094	OCFD15X-OFF
1794 x 2094	OCFD18X-OFF



### Side Lights

Frame Size (mm) WxH	
300 x 2094	OCFD30X-OFF
450 x 2094	OCFD45X-OFF
600 x 2094	OCFD60X-OFF



Doorset  $U$  value  $1.6 \text{ W/m}^2\text{K}$ .



# DARWIN

## HARDWOOD, FRENCH

If you're looking for a solid patio product that can also be painted or stained to match with other exterior décor, then the Darwin hardwood doorset is the perfect product for the job.

This 54mm thick solid hardwood doorset is supplied factory finished and can be painted in any RAL colour including the option for a dual colour finish. For Hi-Build paint and stain options see page 77.

Choose from a range of standard frame sizes and side light options listed below, with marginal bar glazing design options available on request. The Darwin French doors have 'open-out' operation as standard.

Fitted with high quality ERA hardware including multi-point locking and shoot and drop bolts fitted as standard. PAS 24 specification options are available, to meet the requirements of Approved Document Q and Secured by Design.

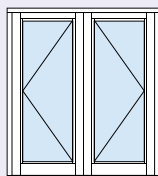
For the full suite of products for your project you can also order a Darwin folding sliding doorset, see page 72 for details.

For full specification details see page 48.



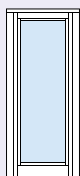
### Double Doorset

Frame Size (mm) WxH	
1194 x 2094	HDFD12X-HFF
1494 x 2094	HDFD15X-HFF
1794 x 2094	HDFD18X-HFF



### Side Lights

Frame Size (mm) WxH	
300 x 2094	HDFD30X-HFF
450 x 2094	HDFD45X-HFF
600 x 2094	HDFD60X-HFF



Doorset U value 1.6W/m²K.



Marginal Bar option with side light



# DREAMVU™

## SOFTWOOD FRENCH

This high-performance softwood patio doorset provides ultimate weather and security performance, and offers the best energy performance in our French door range.

With 64mm thick door leaves and 28mm toughened double or triple glazing options the DreamVu™ French doorset can achieve  $U$  values down to 1.1  $W/m^2K$ .

Select from a range of standard sizes shown opposite with side lights to match, or if you have a specific size requirement you can order the DreamVu™ doorset completely made to measure with additional bar design options to choose from.

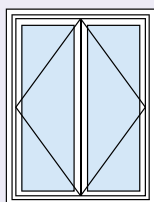
Available factory finished in any RAL colour including the option for a dual colour finish, with a choice of glazing and hardware colours. For Hi-Build paint and stain options see page 77.

Supplied with high quality ERA hardware including 5 lever mortice locking technology with cylinder-free multi-point locking. This doorset provides PAS 24 specification as standard, meeting the requirements of Approved Document Q and Secured by Design. For hardware options see page 75.

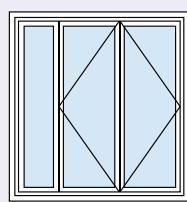
For full specification details see page 48.



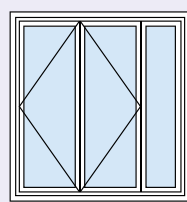
### FRAME OPTIONS



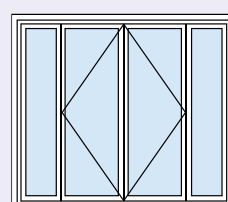
French doorset



Left side light with French doorleaf



Right side light with French doorleaf



Double side light with French doorleaf





French doorset with double side light

**French Doorset - open out (open in available)**

Frame Size (mm) WxH	Doorleaf Width (mm)	
1188 x 2088	532	HPDT12X-SFF
1488 x 2088	682	HPDT15X-SFF
1788 x 2088	832	HPDT18X-SFF

**French Doorset with Double Side Light - open out (open in available)**

Overall Frame Size (mm) WxH	Doorleaf Width (mm)	Side Light (mm)	
2088 x 2088	532	2x450	HPDT12X4SS-SFF
2388 x 2088	682	2x450	HPDT15X4SS-SFF
2688 x 2088	832	2x450	HPDT18X4SS-SFF
2388 x 2088	532	2x600	HPDT12X6SS-SFF
2688 x 2088	682	2x600	HPDT15X6SS-SFF
2988 x 2088	832	2x600	HPDT18X6SS-SFF

Doorset U value 1.5W/m<sup>2</sup>K.

**French Doorset with Single Side Light - open out (open in available)**

	Overall Frame Size (mm) WxH	Doorleaf Width (mm)	Side Light (mm)	
LEFT SIDE LIGHT	1638 x 2088	532	450	HPDT12X4S/A-SFF
	1938 x 2088	682	450	HPDT15X4S/A-SFF
	2238 x 2088	832	450	HPDT18X4S/A-SFF
	1788 x 2088	532	600	HPDT12X6S/A-SFF
	2088 x 2088	682	600	HPDT15X6S/A-SFF
	2388 x 2088	832	600	HPDT18X6S/A-SFF
RIGHT SIDE LIGHT	1638 x 2088	532	450	HPDT12X4S/O-SFF
	1938 x 2088	682	450	HPDT15X4S/O-SFF
	2238 x 2088	832	450	HPDT18X4S/O-SFF
	1788 x 2088	532	600	HPDT12X6S/O-SFF
	2088 x 2088	682	600	HPDT15X6S/O-SFF
	2388 x 2088	832	600	HPDT18X6S/O-SFF

**Table Guide**

**Note:** All codes shown on this page are for 'open-out' french doorsets. For an 'open-in' doorset, please replace the 'X' for an 'N', i.e. HPDT12X~~M~~/A becomes HPDT12N~~M~~/A. Specify on your order 'open-in' or 'open-out' doorset, configuration and handing. Right hand door opens first when viewed from the outside.



# FARNDALE

## SOFTWOOD FRENCH

If you need a made to measure French doorset with a wide choice of bar designs and matching side light options, the Farndale French is the range to go for.

This softwood doorset features an attractive, contemporary design, with slim timber sections to maximise the glazed area. Available to order completely made to measure with side and top light options plus glazing bar designs. A selection of the most popular sizes are listed opposite.

Constructed with a 54mm thick softwood door leaves and 28mm toughened double or triple glazing, to achieve  $U$  values as low as 1.1  $W/m^2K$ .

Available factory finished in any RAL colour including the option for a dual colour finish, with a choice of glazing and hardware colours. For Hi-Build paint and stain options see page 77.

Supplied with high quality ERA hardware including 5 lever mortice locking technology with cylinder-free multi-point locking (handles supplied loose for fitting on site). PAS 24 specification options are available, to meet the requirements of Approved Document Q and Secured by Design.

For full specification details see page 48.



AS LOW AS

**1.2**

$W/m^2K$

U-VALUE

ANY

**RAL**

COLOUR

PAS 24/SBD

MADE TO

MEASURE

54mm

DOOR

LEAVES

### BAR OPTIONS & SIDE LIGHT VARIATIONS



Non bar

Midrail

Midrail with bottom panel

4 light glazing

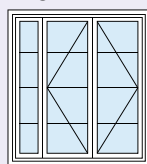
10 light glazing

15 light glazing

#### Side light variations

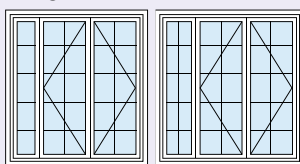
Depending on the width of your chosen side light, the vertical bars may not replicate the bars on the doorleaves. These diagrams illustrate how the bars on the side light vary depending on the width of the side light/s. These variations apply to both single and double side lights.

#### 4 Light



The side light is identical for all 300, 450 or 600mm widths.

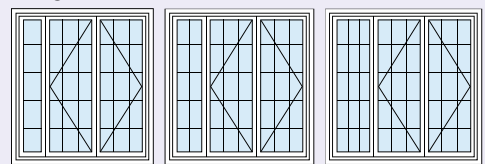
#### 10 Light



300mm side light

450, 600mm side light

#### 15 Light



300mm side light

450mm side light

600mm side light



French doorset with double side light

French doorset with single side light

**French Doorset - open out (open in available)**

Frame Size (mm) WxH	Doorleaf Width (mm)	PAS 24 Security Tested	
1188 x 2088	544		FR12X-SFF
1188 x 2088	544	✓	FR12XSBD-SFF
1488 x 2088	696		FR15X-SFF
1488 x 2088	696	✓	FR15XSBD-SFF
1788 x 2088	844		FR18X-SFF
1788 x 2088	844	✓	FR18XSBD-SFF

**French Doorset with Double Side Light - open out (open in available)**

Overall Frame Size (mm) WxH	Doorleaf Width (mm)	Side Light (mm)	
1788 x 2088	544	300 x 2	FR18X3SS-SFF
2088 x 2088	696	300 x 2	FR21X3SS-SFF
2388 x 2088	844	300 x 2	FR24X3SS-SFF
2088 x 2088	544	450 x 2	FR21X4SS-SFF
2388 x 2088	696	450 x 2	FR24X4SS-SFF
2688 x 2088	844	450 x 2	FR27X4SS-SFF
2388 x 2088	544	600 x 2	FR24X6SS-SFF
2688 x 2088	696	600 x 2	FR27X6SS-SFF
2988 x 2088	844	600 x 2	FR30X6SS-SFF

Doorset U value 1.5W/m<sup>2</sup>K.

**French Doorset with Single Side Light - open out (open in available)**

	Overall Frame Size (mm) WxH	Doorleaf Width (mm)	Side Light (mm)	
LEFT SIDE LIGHT	1488 x 2088	544	300	FR15X3S/A-SFF
	1788 x 2088	696	300	FR18X3S/A-SFF
	2088 x 2088	844	300	FR21X3S/A-SFF
	1638 x 2088	544	450	FR16X4S/A-SFF
	1938 x 2088	696	450	FR19X4S/A-SFF
	2238 x 2088	844	450	FR22X4S/A-SFF
	1788 x 2088	544	600	FR18X6S/A-SFF
	2088 x 2088	696	600	FR21X6S/A-SFF
	2388 x 2088	844	600	FR24X6S/A-SFF
RIGHT SIDE LIGHT	1488 x 2088	544	300	FR15X3S/O-SFF
	1788 x 2088	696	300	FR18X3S/O-SFF
	2088 x 2088	844	300	FR21X3S/O-SFF
	1638 x 2088	544	450	FR16X4S/O-SFF
	1938 x 2088	696	450	FR19X4S/O-SFF
	2238 x 2088	844	450	FR22X4S/O-SFF
	1788 x 2088	544	600	FR18X6S/O-SFF
	2088 x 2088	696	600	FR21X6S/O-SFF
	2388 x 2088	844	600	FR24X6S/O-SFF

**Table Guide**

**Note:** All codes on this page are for 'open-out' doorsets. For an 'open-in' doorset, please replace the 'X' for an 'N', i.e. FR8XM/A becomes FR8NM/A. Specify on your order 'open-in' or 'open-out' doorset, configuration and handing. Right hand door opens first when viewed from the outside.



# OAK CANBERRA

SOLID OAK,  
FOLDING SLIDING

The Canberra folding sliding is our premium, solid oak doorset range for those who want to set their home apart from the rest. Built with 54mm solid laminated doors for added strength and stability, and top hung hardware allowing for ease of operation.

Select from a range of standard sizes and configurations shown below, or if you have a specific size requirement you can order the Canberra doorset made to measure – see the size limitations table below.

Fitted with high quality ERA hardware including multi-point locking and drop bolts fitted as standard. PAS 24 specification options are available, to meet the requirements of Approved Document Q and Secured by Design.

Supplied factory finished in a choice of golden oak or dark oak stain. For Hi-Build stain options see page 77.

For full specification details see page 48.



Golden Oak stain



## Standard sizes

Frame Size (mm) WxH	No. of doors	Door configuration (viewed from outside)	
1794 x 2094	2	2L* OR 2R*	O CAN18-OFF
2094 x 2094	3	2L1R OR 1L2R	O CAN21-OFF
2394 x 2094	3	2L1R OR 1L2R	O CAN24-OFF
2994 x 2094	4	3L1R OR 1L3R OR 2L2R	O CAN30-OFF
3594 x 2094	5	4L1R OR 1L4R OR 3L2R OR 2L3R	O CAN36-OFF
4194 x 2094	6	5L1R OR 1L5R OR 4L2R* OR 2L4R* OR 3L3R	O CAN42-OFF
4794 x 2094	6	5L1R OR 1L5R	O CAN48-OFF

## Doorset U value 1.7W/m<sup>2</sup>K.

\* These door configurations can be locked from the inside only, supplied with thumb-turn locks.

## MADE TO MEASURE SIZE LIMITATIONS

No. of doors	Min Width	Max Width	Min Height	Max Height
2	1794mm	1794mm	1944mm	2094mm
3	1794mm	2656mm	1944mm	2094mm
4	2368mm	3518mm	1944mm	2094mm
5	2942mm	4194mm	1944mm	2094mm
6	3516mm	4794mm	1944mm	2094mm

## CONFIGURATION OPTIONS



Two door left (2L)



Three door left (3L)



Two door left, one door right (2L1R)



Four door left (4L)



Three door left, one door right (3L1R)



Two door left, two door right (2L2R)



Five door left (5L)



Four door left, one door right (4L1R)



Three door left, two door right (3L2R)



Five door left, one door right (5L1R)



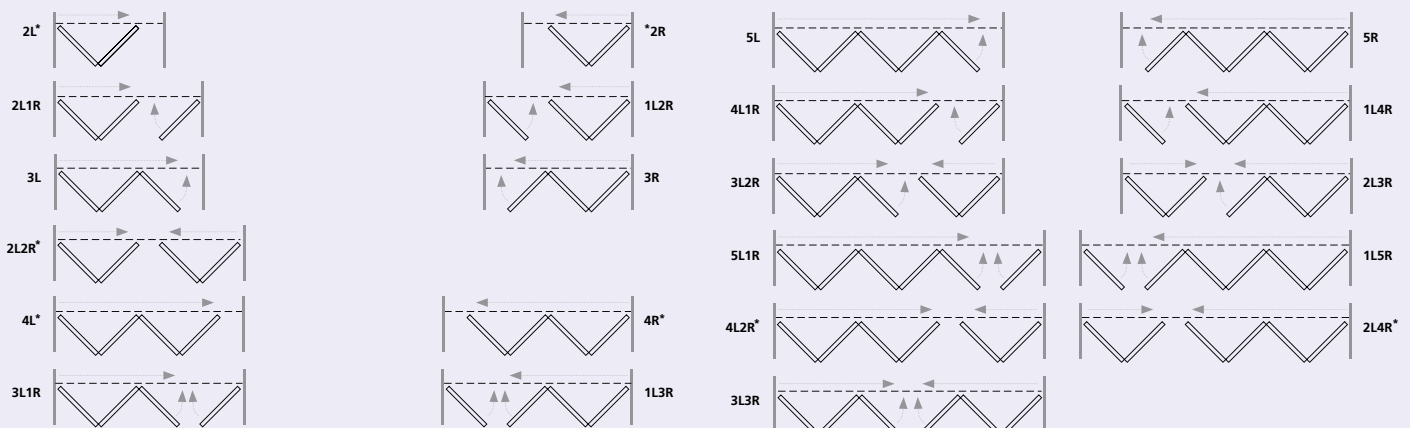
Three door left, three door right (3L3R)



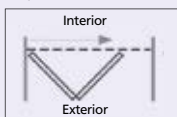
Four door left, two door right (4L2R)

### Configuration options

Doors open out only. All configurations are available with opposite handing, please specify on your order.



### Key



\* These door configurations can be locked from the inside only and are supplied with thumb-turn locks.



# DARWIN

## HARDWOOD, FOLDING SLIDING

This hardwood patio doorset combines style and strength to deliver a durable folding sliding option. The 54mm thick door leaves create a robust doorset that can be supplied painted or stained in any colour to match with other exterior décor.

Select from a range of standard sizes and configurations shown below, or if you have a specific size requirement you can order the Darwin doorset made to measure – see the size limitations table below.

Supplied factory finished and can be painted in any RAL colour including the option for a dual colour finish. For Hi-Build paint and stain options see page 77.

Fitted with high quality ERA hardware including multi-point locking and drop bolts fitted as standard. PAS 24 specification options are available, to meet the requirements of Approved Document Q and Secured by Design.

For full specification details see page 48.



### Standard sizes

Frame Size (mm) WxH	No. of doors	Door configuration (viewed from outside)	
1794 x 2094	2	2L* OR 2R*	HDAR18-HFF
2094 x 2094	3	2L1R OR 1L2R	HDAR21-HFF
2394 x 2094	3	2L1R OR 1L2R	HDAR24-HFF
2994 x 2094	4	3L1R OR 1L3R OR 2L2R	HDAR30-HFF
3594 x 2094	5	4L1R OR 1L4R OR 3L2R OR 2L3R	HDAR36-HFF
4194 x 2094	6	5L1R OR 1L5R OR 4L2R* OR 2L4R* OR 3L3R	HDAR42-HFF
4794 x 2094	6	5L1R OR 1L5R	HDAR48-HFF

### Doorset U value 1.7W/m²K.

\* These door configurations can be locked from the inside only, supplied with thumb-turn locks.

### MADE TO MEASURE SIZE LIMITATIONS

No. of doors	Min Width	Max Width	Min Height	Max Height
2	1794mm	1794mm	1944mm	2094mm
3	1794mm	2656mm	1944mm	2094mm
4	2368mm	3518mm	1944mm	2094mm
5	2942mm	4194mm	1944mm	2094mm
6	3516mm	4794mm	1944mm	2094mm

## CONFIGURATION OPTIONS



Two door left (2L)



Three door left (3L)



Two door left, one door right (2L1R)



Four door left (4L)



Three door left, one door right (3L1R)



Two door left, two door right (2L2R)



Five door left (5L)



Four door left, one door right (4L1R)



Three door left, two door right (3L2R)



Five door left, one door right (5L1R)



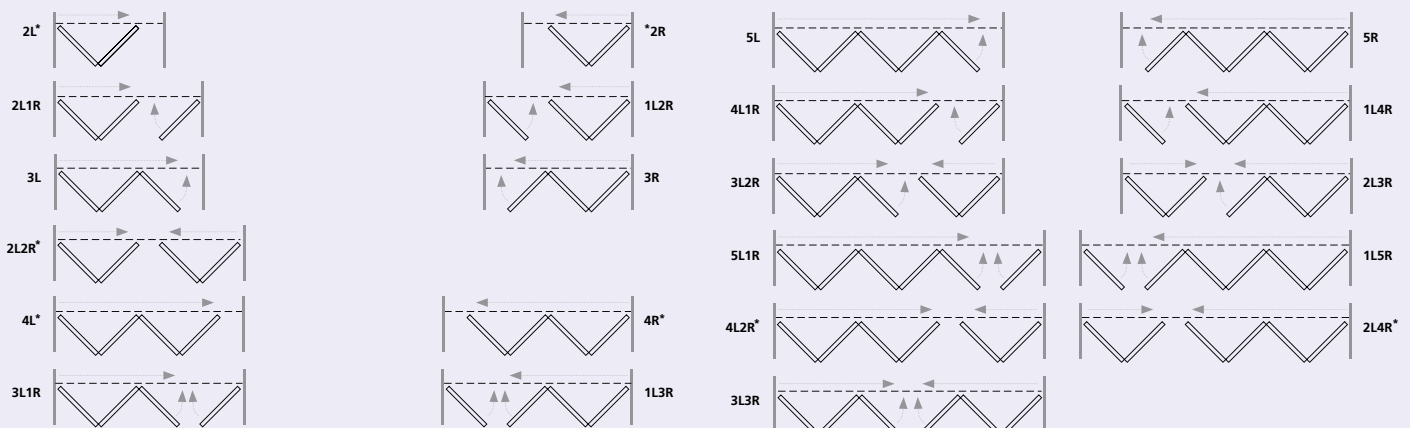
Three door left, three door right (3L3R)



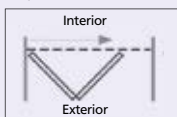
Four door left, two door right (4L2R)

### Configuration options

Doors open out only. All configurations are available with opposite handing, please specify on your order.



### Key



\* These door configurations can be locked from the inside only and are supplied with thumb-turn locks.



# FENTON

## SOFTWOOD, SLIDING

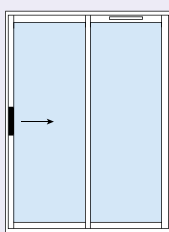
The Fenton is an attractive slim-line softwood sliding patio doorset, perfect for projects where space is limited.

Constructed with 54mm engineered softwood door leaves that slide either to the left or right, with double door sliding options and side lights also available to order. Choose from a variety of glazing designs including clear, diamond and rectangular leaded, see page 76 for details.

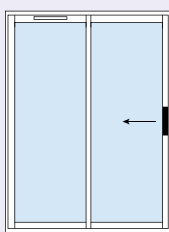
Fitted with a 4-point locking system and brushed chrome handles as standard. Frames are supplied flat packed for site installation. Supplied with 26mm toughened double glazing, the Fenton doorset achieves  $U$  values down to  $1.4 \text{ W/m}^2\text{K}$ .

Supplied factory finished and can be painted in any RAL colour including the option for a dual colour finish. For Hi-Build paint and stain options see page 77.

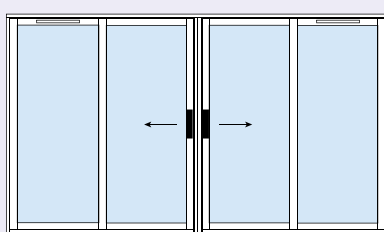
For full specification details see page 48.



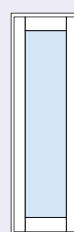
Left hand sliding



Right hand sliding



Double doorset



Side light

### Single Doorset

	Frame Size (mm) WxH	
LEFT HAND SLIDING	1588 x 2088	FE16LE/L-SFF
	1788 x 2088	FE18LE/L-SFF
	2088 x 2088	FE21LE/L-SFF
	2388 x 2088	FE24LE/L-SFF
LEFT HAND SLIDING	1588 x 2088	FE16LE/R-SFF
	1788 x 2088	FE18LE/R-SFF
	2088 x 2088	FE21LE/R-SFF
	2388 x 2088	FE24LE/R-SFF

### Double Doorset

Frame Size (mm) WxH	
3576 x 2088	FE36LE-SFF
4176 x 2088	FE42LE-SFF
4776 x 2088	FE48LE-SFF

Doorset  $U$  value  $1.5 \text{ W/m}^2\text{K}$ .

### Side Light

Frame Size (mm) WxH	
968 x 2088	FEWLALE-SFF
1118 x 2088	FEWLBLE-SFF
1268 x 2088	FEWLCLE-SFF

# HARDWARE

Our INSULUX, Castle, Canberra, Darwin, DreamVu™ and Farndale doorsets, offer the full suited colour options for you and your customers. Polished chrome is the standard colour option, but you can choose from any shown below.

## INSULUX, CASTLE, CANBERRA, DARWIN, DREAMVU™ & FARNDALE



**Hardex Handles**  
Polished chrome (standard), satin chrome, gold, bronze, white, black, antique black

## FENTON



Brushed chrome locking handle, left or right. Tandem rollers.

## INSULUX & CASTLE



**Letter Plates**  
Polished chrome, satin chrome, gold, bronze, white, black, antique black



**Urn Door Knocker**  
Polished chrome, satin chrome, gold, bronze, white, black, antique black



**Viewer**  
Chrome, gold



**Security Chain**  
Chrome, gold

## COLOUR REFERENCES



Polished Chrome (standard)

Satin Chrome

Gold

Bronze

White

Black

Antique Black



Download our hardware catalogue at [jeld-wen.co.uk](http://jeld-wen.co.uk)





Darwin French,  
Reed Green RAL 6013

## GLAZING & FINISHING

We recommend ordering factory painted and glazed products to ensure they are finished correctly in order to protect and maintain their appearance for as long as possible.

### GLAZING OPTIONS

Our doorsets are factory fitted in a choice of glass designs and come with a 10 year guarantee. The obscure glass options shown are the most common options with Cotswold™ as the standard, but if you want a different specification give us a call to discuss your requirements.

Using 'low emissivity' coated glass units (to EN1279 Pt3) as standard which helps to reduce the amount of internal condensation, normally produced when warm moist air comes into contact with a cold surface, due to its energy efficient performance compared to conventional uncoated or single glazing. All low-E glass types retain more heat in the home.



Cotswold™



Autumn™



Flemish™



Stippolyte™



Diamond leaded



Rectangular leaded

### FINISHING EXTERNAL JOINERY

It is important that timber products are finished correctly to prolong their life and keep them looking beautiful. We recommend buying fully finished painted or stained doorsets from us, to give a great finish that protects and maintains their appearance for as long as possible and also saves in added decorating costs.

Products will arrive ready to fit, requiring nothing more than a light clean with a soft sponge and soapy water to retain their condition for quite some time.

If you do want to finish your own products, make sure you choose a good quality primer and Hi-Build paint or stain which is microporous to protect the timber whilst allowing it to breathe. You must finish your products before you expose them to the elements.

**Refer to our website for more detail on finishing and maintenance of our products.**

## Add a splash of colour...

If you want to add a touch of colour to the outside of a property choose from our standard colour palette below. Alternatively, if you don't like any of these you can pick any RAL colour you like!

We also offer dual colour finishing on the INSULUX, Darwin, DreamVu™ and Farndale doorset ranges, giving you lots to choose from.



### Standard paint options



Primed (Grey)  
for site finishing

Hi-Build White  
BS 00E 55 (10yr)

### Hi-Build paint options



Gardenia  
BS 10 B 15 (10yr)

Cream Whiter  
RAL 9001 (8yr)

Buttermilk  
BS 10 C 31 (10yr)

Light Ivory†  
RAL 1015 (8yr)

Dark Red†  
RAL 3001 (6yr)

Pastel Bluet  
RAL 5024 (6yr)

Sapphire Bluet  
RAL 5003 (6yr)

Turquoise Bluet  
RAL 5018 (6yr)



Pastel Green†  
RAL 6019 (8yr)

Conservation Green\*  
BS 12 B 19 (6yr)

Reed Green†  
RAL 6013 (6yr)

Forest Green†  
RAL 6028 (6yr)

Pebble Grey†  
RAL 7032 (6yr)

Stone Grey†  
RAL 7030 (6yr)

Powder Grey†  
RAL 7040 (6yr)

Dusky Grey\*  
RAL 7037 (6yr)



Iron Grey†  
RAL 7011 (6yr)

Slate Grey†  
RAL 7015 (6yr)

Anthracite Grey†  
RAL 7016 (6yr)

Black Grey†  
RAL 7021 (6yr)

Black†  
RAL 9017 (6yr)

\*Matching ventilators available at extra cost for Farndale and Dreamvu™ doorsets.  
†Minimum order quantity will apply.

### Hi-Build stain options

#### Oak



Golden Oak (6yr)

Dark Oak (6yr)

#### Hardwood



Baltic (6yr)



Golden Oak (6yr)

Dark Oak (6yr)

#### Softwood



Basecoat stain for  
site finishing



Golden Oak (6yr)

Dark Oak (6yr)



Baltic (6yr)

### Castle composite – exterior face colour options

All doors supplied with a white interior finish. Golden Oak and Dark Oak stain not available on Fire Doorsets.

#### Through colours



Black

Blue

Green

#### Stained effect



Red

White



Golden Oak

Rosewood

Finishing options shown are for guidance purposes only. There may be some variation to the finished product supplied.

## GUARANTEES

Our Hi-Build paint and stains are microporous which allow moisture to be released whilst protecting the timber. We guarantee our paint finishes for up to 10 years on a selection of colours.

Light colours carry a higher warranty than dark colours as they don't absorb the heat as quickly – **see the number in brackets to demonstrate the guarantee period on each colour.** Metallic and fluorescent colour options are not available. See page 185 for more information.





Cottage, White Oak Range

# EXTERIOR DOORS & FRAMES

<b>White Oak</b> Doors	82
<b>Hemlock</b> Doors	84
<b>Redwood</b> Boarded Doors and Gates	85
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<b>Garage</b> Doors and Frames	87
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<b>Door Frames</b> Assembled and Flat Packed	90



# EXTERIOR DOORS RANGE

A high quality range of exterior doors offers a variety of striking door designs and finishes that will create those crucial first impressions for a property. Available in a choice of glazing options and panel designs with a solution for all tastes and budgets.



Chester White Oak

WHITE OAK



HEMLOCK UNGLAZED



REDWOOD BOARDED & GATES



PAINT GRADE



GARAGE DOORS & FRAMES





# WHITE OAK

Made using high quality American white oak veneer and unfinished for your choice of decoration. Choose from glazed options for a contemporary look or a panel design for a traditional solution for a property. Doors only supplied, hardware and frame not included.



Cottage



Chester



Croft



Croft Glazed



Gothic

	Cottage	Chester	Croft	Croft Glazed	Gothic
Size (mm) WxHxD		Obscure		Decorative	Decorative
762x1981x44	26COTT			26CRFT+TGL	
838x1981x44	29COTT	29CHES+DGO	29CROFT	29CRFT+TGL	29GOTH+TGL
813x2032x44	28COTT	28CHES+DGO	28CROFT	28CRFT+TGL	28GOTH+TGL



Woodhouse



Radcliffe



Lumina



Lexington



Lexington Glazed

	Woodhouse	Radcliffe	Lumina	Lexington	Lexington Glazed
<b>Size (mm) WxHxD</b>	<b>Decorative</b>	<b>Clear</b>	<b>Clear</b>		<b>Obscure</b>
762x1981x44	26THOR+DGP	26BROOK+DGC	26OE2XG+DGC		
838x1981x44	29THOR+DGP	29BROOK+DGC	29OE2XG+DGC	29LEX	29LEX+DGO
813x2032x44	28THOR+DGP	28BROOK+DGC	28OE2XG+DGC	28LEX	28LEX+DGO



# HEMLOCK

## UNGLAZED

A solid constructed door supplied unfinished and unglazed for finishing and glazing on site with 17mm double glazing units. We recommend finishing with Hi-Build microporous paint or stain. Glazing beads are supplied loose pinned.



E2XG, shown glazed and painted



E10

E2XG\* / E2XGG\*

EKXT



Pair EGTP2P

Pair E202P

Pair E20

	E10	E2XG*/E2XGG*	EKXT
Size (mm) WxHxD	E26E10	E26X2G*	E26KXT
		E29X2G*	E29KXT
		E28X2G*	

	EGTP2P	E202P	E20
Size (mm) WxHxD	E310EGTP2P	E310E202P	E310P20

E2XG\* door is supplied with ply bottom panel which can be removed to make into a glass opening, giving you a E2XGG.

# REDWOOD

## BOARDED & GATES

A range of traditional tongued and grooved doors and garden gates. Manufactured from v-jointed softwood, these doors are suitable for a Hi-Build microporous paint finish only.

Ledged and braced doors are supplied with braces loose pinned for fitting on site.



Stable door shown glazed and painted



Ledged & Braced  
(Reverse view)



Ledged & Braced  
(Front view)



Framed, Ledged & Braced  
(Reverse view)



Framed, Ledged & Braced  
(Front view)



Stable Door



RE2XG



Gate

	L&B	FL&B	Stable Door*	RE2XG*
Size (mm) WxHxD				
686x1981x44	E23LB	E23FLB		
762x1981x44	E26LB	E26FLB	E26SD	RE26X2G
838x1981x44	E29LB	E29FLB	E29SD	RE29X2G
813x2032x44	E28LB	E28FLB		RE28X2G

	Gate*
Size (mm) WxHxD	
914x1040x44	E30GTE
1067x1040x44	E36GTE

\*Supplied unglazed.



# PAINT GRADE

An economical solution for home, office or light commercial use. We recommend finishing with Hi-Build microporous paint only and ideally to be used in a sheltered environment. Available as 44mm or 54mm fire doors, factory fitted with 6mm clear Georgian wired glazing.



Paint Grade



GG01



GG05



GG06



GG05

## Paint Grade

Size (mm) WxHxD	Solid Core
610x1981x44	
686x1981x44	23F1X
762x1981x44	26F1X
838x1981x44	29F1X
813x2032x44	28F1X
726x2040x44	726F1X
826x2040x44	826F1X
926x2040x44	926F1X

## Fire Doors

Size (mm) WxH	FD30 44mm	FD60 54mm
610x1981	20F1XF	20F1XFD
686x1981	23F1XF	23F1XFD
762x1981	26F1XF	26F1XFD
838x1981	29F1XF	29F1XFD
813x2032	28F1XF	28F1XFD
726x2040	726F1XF	726F1XFD
826x2040	826F1XF	826F1XFD
926x2040	926F1XF	

## Clear Wired FD30 Fire Doors

Size (mm) WxHxD	GG01	GG05	GG06
610x1981x44			
686x1981x44			
762x1981x44	26F1XF+GG01	26F1XF+GG05	26F1XF+GG06
838x1981x44	29F1XF+GG01	29F1XF+GG05	29F1XF+GG06
813x2032x44			
726x2040x44	726F1XF+GG01	726F1XF+GG05	726F1XF+GG06
826x2040x44	826F1XF+GG01	826F1XF+GG05	826F1XF+GG06
926x2040x44	926F1XF+GG01	926F1XF+GG05	926F1XF+GG06

# GARAGE DOORS

A conventional, traditional design showcasing a rustic appearance. The timber, side hung garage doors are a solid construction and delivered ready for site decoration. Choose a panel or glazed option, both are manufactured from 14mm tongue and grooved v-jointed softwood.



GTF shown painted



GTG



GTF Glazed



Flat Pack Garage Door Frames

	GTG	GTF Glazed
Size (mm) WxHxD	E66GTG	E66GTF+G
2134x1981x44	E70GTG	E70GTF+G
2134x2134x44		

Flat Pack Garage Door Frames	
Size (mm) WxH	
2266x2052	UF7066NSSHF
2266x2205	UF7070NSSHF

NOTE: Ironmongery is not included, and a suitable 'stop' for the frame will also be required.



# EXTERIOR DOORS TECHNICAL INFORMATION

## CONSTRUCTION

Our exterior door constructions vary by material type. Full details for each range are listed below.



### White Oak 44mm thick

Made using a solid core that gives a door a substantial feel. You can also fix ironmongery anywhere across the surface of the door. The weight is approximately 40kg.

### Hemlock Unglazed 44mm thick

Made using solid hemlock and ready for glazing. You can also fix ironmongery anywhere across the surface of the door. The weight is approximately 30kg.

### Redwood Unglazed 44mm thick

Made using solid redwood and ready for glazing. You can also fix ironmongery anywhere across the surface of the door. The weight is approximately 30kg.

### Boarded FLB & LB 44mm thick

Made using v-jointed European softwood tongue and groove boards. You can also fix ironmongery anywhere across the surface of the door. The weight is approximately 27kg.

### Paint Grade Standard 44mm thick

Made using a solid core that gives a door a substantial feel. You can also fix ironmongery anywhere across the surface of the door. The weight is approximately 35kg.

### Paint Grade FD30 Fire 44mm thick

Solid construction 30 minute fire doors to fit existing frames. Ideal for upgrading from standard doors to fire doors and ironmongery can be placed anywhere across the surface of the door. The weight is approximately 32kg.

## STORAGE

Store doors flat in dry conditions on three equally spaced lever bearers. Plastic wrapping should remain on the door until ready for finishing and installing.



## TRIMMING

White Oak doors have a maximum trim allowance of 10mm on all four edges. Hemlock and Redwood doors have an allowance of 8mm on all four edges. Paint Grade doors allow for 4mm on the long edges, 6mm bottom edge, the top edge must not be trimmed.



Fire doors should not be trimmed at the top as this provides a unique traceable label. Please refer to our product data sheets available at [jeld-wen.co.uk](http://jeld-wen.co.uk).

Trimming more than the specified allowance will void the product guarantees.

## GLAZING OPTIONS

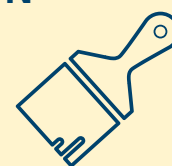
Glazed White Oak doors are supplied with 14mm glass in a choice of clear or decorative designs.

Glazed Paint Grade doors feature 6mm clear wired glass.



## DECORATION

White Oak and Hemlock doors are supplied unfinished, ready for finishing with Hi-Build microporous paint or stain only.



Redwood boarded and Paint Grade doors are suitable for Hi-Build microporous paint only.

## DOOR INSTALLATION



### Standard

Doors should be hung on a minimum of 3 x 100mm (4") quality steel or brass hinges. Ensure all hardware is fitted before doors are hung. Care must be taken in the fitting of locks and latches to ensure that the performance of the stile and rail joints are in no way impaired. Mortice locks must not be fitted opposite the midrail because of the danger of removing the dowels and weakening the door.

We recommend that in areas of extreme exposure that doors should be protected by a porch or canopy in addition to the recommended decorative protection.

If the product is cut or drilled please ensure the area is preservative treated using a Hi-Build microporous paint or stain and decorated before installation or redecoration.

### Fire doors

Fire doors are a safety product. Doors need to be installed using the correct hardware including three CE marked, Certifire approved hinges, latch or locks. Other important components are also necessary to make the fire door perform correctly in the event of a fire such as intumescent or smoke seals.

Because all fire doors are manufactured differently, follow the individual instructions that come with each door.

Data sheets are available in the resource centre of our website [jeld-wen.co.uk](http://jeld-wen.co.uk)

## DOOR SIZE CONVERSION

Metric (mm) WxH	Imperial (inches) WxH	Imperial (feet & inches) WxH
457 x 1981	18" x 78"	1'6" x 6'6"
533 x 1981	21" x 78"	1'9" x 6'6"
610 x 1981	24" x 78"	2'0" x 6'6"
686 x 1981	27" x 78"	2'3" x 6'6"
762 x 1981	30" x 78"	2'6" x 6'6"
838 x 1981	33" x 78"	2'9" x 6'6"
864 x 1981	34" x 78"	2'10" x 6'6"
914 x 1981	36" x 78"	3'0" x 6'6"
813 x 2032	32" x 80"	2'8" x 6'8"
526 x 2040	20 1/16" x 80 1/4"	1'8 1/16" x 6'8 1/4"
626 x 2040	24 5/8" x 80 1/4"	2'0 5/8" x 6'8 1/4"
726 x 2040	28 5/8" x 80 1/4"	2'4 5/8" x 6'8 1/4"
826 x 2040	32 1/2" x 80 1/4"	2'8 1/2" x 6'8 1/4"
926 x 2040	36 7/16" x 80 1/4"	3'0 7/16" x 6'8 1/4"

## FIRE DOORS

**Our range of fire resisting Paint Grade veneer doors offer economical solutions for homes, offices and light commercial use. Available in a choice of 30 and 60 minute options and door thicknesses of 44mm and 54mm.**

Factory glazing fire doors are supplied with 6mm clear wired glass.

JELD-WEN fire doors are designed to comply with Approved Document B. When specifying doors and hardware you must consider the implications of Approved Document M. For specific guidance contact your local Building Control office.

All JELD-WEN fire doors and doorsets are manufactured under the BWF-Certifire scheme, and have a unique identification number which can be traced back to date of manufacture. This is printed on the label which is placed on the top edge of the door, and it should never be removed as it is there for traceability.



Fire door specifications cover a range of fire ratings. Under the BWF-Certifire scheme, all doors need to include intumescent strips between the sides and top of the frame and the door to give the assurance of reliability in the event of a fire. For FD20 situations, we specify using FD30 door, lining and intumescent assemblies, common to FD30 installation.

These products are designed to protect lives: this is the minimum rating for JELD-WEN fire resisting doors.

CE marked Certifire approved hardware and intumescent strips should be installed correctly.

Always refer to the individual fitting instructions that come with each door.

FD30/FD60 fire rated doors will provide up to 30/60 minutes fire resistance when fitted in appropriate frame with intumescent strips in jambs and head or top and long edges of door in accordance with the instructions and certification data sheet.



# EXTERIOR DOOR FRAMES

JELD-WEN offers a comprehensive range of assembled and flat pack exterior door frames that are designed for long-lasting performance and easy installation.

Choose from a range of standard or fire resistant frames, with selection of frame options to suit the most popular door sizes including a selection of frames to accommodate side lights and top lights.

Not all JELD-WEN door designs are compatible with the door frame range, please check before ordering.



## MOBILITY

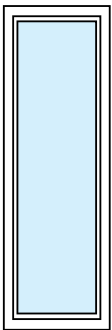
Building Regulations Approved Document M Mobility Amendment requires disabled access into buildings to be over a threshold no higher than 15mm.



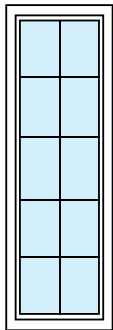
Mobility door frames are supplied with a threshold pack. This pack is loose and requires on-site fixing. Head packers are available to order if required. We supply entrance frames (838mm door size) fitted with 170mm mobility sills. With these frames, we supply a low-level threshold loose for on-site fitting.

## FACTORY GLAZING OPTIONS

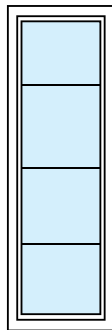
We can supply side light frames factory-glazed with the following glazing types:



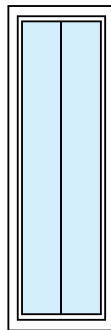
PATT 10  
(1 light)



PATT SC  
(10 light)



PATT 70  
(4 light)



Vertical Bar

## FINISHING OPTIONS

### Hardwood



Basecoat stain for site finishing (Standard)



Baltic Hi-Build stain, factory finished

### Softwood



Basecoat stain for site finishing (Standard)



Primed (grey) for site finishing



Hi-Build white, factory finished

### Oak



Basecoat stain for site finishing (assembled oak frames only - Standard)



Unfinished for site finishing (flatpack only - Standard)



Dark Oak Hi-Build stain, factory finished



Golden Oak Hi-Build stain, factory finished

Finishing options shown are for guidance purposes only. There may be some variation to the finished product supplied.

### Optional finishes

For extra durability we strongly recommend that you purchase primed door frames for external use. Primed frames are guaranteed for 3 months, base coat stained frames are guaranteed for 1 month before site decoration is required. Please state 'primed' or 'stained' when ordering. See page 77 for other finishing options.

## FD30 & FD60 FIRE RESISTING DOOR FRAMES

We offer a choice of softwood 30-minute and hardwood 60-minute fire resisting door frames suitable for internal and external use. Both are fitted with 15mm x 4mm intumescent strips as standard. All rebates are 12mm deep, and the frames are tested in compliance with BS 476 Part 22.

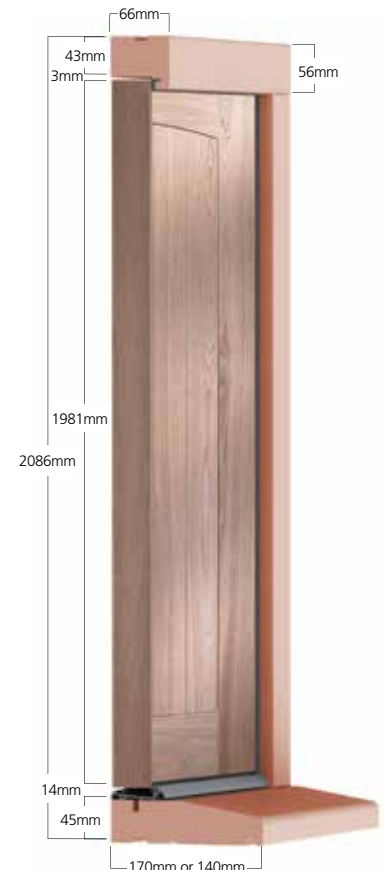
### 30-minute fire resisting door frame fitted with intumescent strip.

Our FD30 door frame suits a 44mm (1¾") thick door. Frames available from stock are fitted with one set of 15mm x 4mm intumescent strip. Frames fitted with one set of 15mm x 4mm intumescent strip with a smoke seal are available to order or a 25mm intumescent strip and smoke seal.

**60-minute fire resisting door frame fitted with smoke and intumescent seal/strips.** This FD60 door frame suits a 54mm (2⅛") thick door. Fitted with one set of 15mm x 4mm intumescent strip with a smoke seal and one set of 15mm x 4mm intumescent strip.



Vertical section of door frame (Diagram shown not to scale).



## FLAT PACK DOOR FRAMES

For a quick solution, our flat pack single and garage door frames are available to order from stock in a choice of softwood or oak veneer.

### SINGLE DOOR FRAMES

Inward and outward opening available, please specify when ordering.

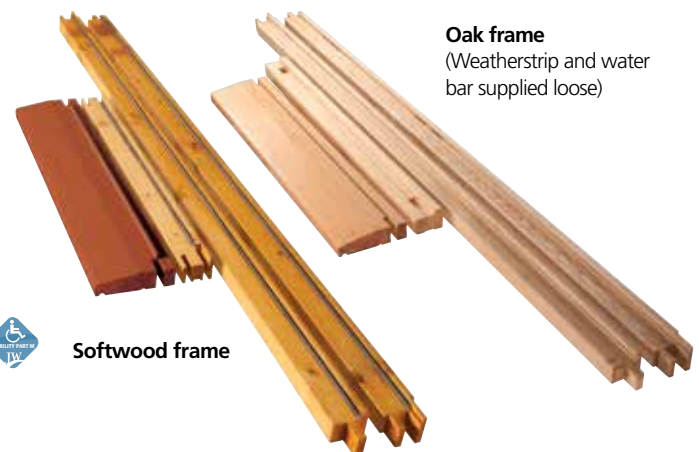
	To suit door sizes (mm) WxHxD	Overall frame size (mm) WxH	Softwood	Oak
Reversible sill	762 x 1981 x 44	854 x 2076	PFN26M	PFN26MO
	838 x 1981 x 44	930 x 2076	PFN29M	PFN29MO
	914 x 1981 x 44	1006 x 2076		PFN30MO
	813 x 2032 x 44	905 x 2127	PFN28M	PFN28MO
	838 x 1981 x 44	930 x 2086	PFN29M-MOB*	PFN29MO-MOB*
	914 x 1981 x 44	1006 x 2086		PFN30MO-MOB*
Single without sill	762 x 1981 x 44	854 x 2031	PF26	
	838 x 1981 x 44	930 x 2031	PF29	
	813 x 2032 x 44	813 x 2082	PF28	

\*Inward opening only.

### GARAGE DOOR FRAMES

Garage door frames are intended for use with wood, GRP or steel retractable doors. When using timber side-hung garage doors, a suitable stop will be required (not supplied).

To suit door sizes (mm) WxHxD	Overall frame size (mm) WxH	Softwood
2134 x 1981 x 44	2266 x 2047	UF7066NS
2134 x 2134 x 44	2266 x 2200	UF7070NS
2286 x 1981 x 44	2418 x 2047	UF7666NS
2286 x 2134 x 44	2418 x 2200	UF7670NS
2438 x 1981 x 44	2570 x 2047	UF8066NS
2438 x 2134 x 44	2570 x 2200	UF8070NS
4267 x 2134 x 44	4399 x 2200	UF14070NS

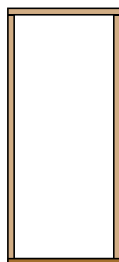




# ASSEMBLED DOOR FRAMES

Our assembled door frames are all made to order, with a variety of softwood, hardwood and oak frame options to choose from. Oak veneer frames are available to complement our Oak Stormsure window range and White Oak exterior doors.

## SINGLE WITH HARDWOOD SILL

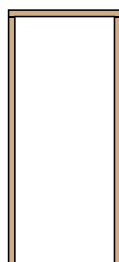


To suit door sizes (mm) WxHxD	Overall frame size (mm) WxH	Softwood		Hardwood		Oak	
		Inward opening	Outward opening	Inward opening	Outward opening	Inward opening	Outward opening
686 x 1981 x 44	778 x 2076	FN23M	FX23M				
762 x 1981 x 44	854 X 2076	FN26M	FX26M	FN26MH	FX26MH	OFN26M	OFX26M
838 x 1981 x 44	930 X 2076	FN29M	FX29M	FN29MH	FX29MH	OFN29M	OFX29M
914 x 1981 x 44	1006 X 2076	FN30M	FX30M	FN30MH	FX30MH	OFN30M	OFX30M
813 x 2032 x 44	905 X 2127	FN28M	FX28M			OFN28M	OFX28M
838 x 1981 x 44	930 X 2086	FN29M-MOB		FN29MH-MOB		OFN29M-MOB	
914 x 1981 x 44	1006 X 2086	FN30M-MOB		FN30MH-MOB		OFN30M-MOB	



## SINGLE REVERSIBLE WITHOUT SILL

Suitable for use with separate threshold.



To suit door sizes (mm) WxHxD	Overall frame size (mm) WxH	Softwood	Hardwood
		686 x 1981 x 44	778 x 2031
762 x 1981 x 44	854 X 2031	F26	F26H
838 x 1981 x 44	930 X 2031	F29	F29H
914 x 1981 x 44	1006 X 2031	F30	F30H
813 x 2032 x 44	905 X 2082	F28	
838 x 1981 x 44	930 X 2041	F29M	F29MH
914 x 1981 x 44	1006 X 2041	F30M	F30MH

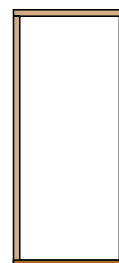


## SINGLE FD30 & 60 FIRE RESISTING

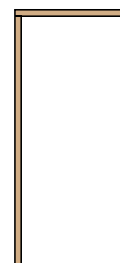
Fitted with intumescent strips and smoke seals as standard.

Inward and outward opening available, please specify when ordering.

	To suit door sizes (mm) WxHxD	Overall frame size (mm) WxH	Softwood	Hardwood
			FD30 44mm	FD60 44mm
Single without sill	762 x 1981*	851 x 2030	SDF26FCA2	DF26FCA4
	838 x 1981	927 x 2030	SDF29FCA2	DF29FCA4
	813 x 2032	901 x 2081	SDF28FCA2	DF28FCA4
	726 x 2040	815 x 2089	SDF726FCA2	DF726FCA4
	826 x 2040	915 x 2089	SDF826FCA2	DF826FCA4
	926 x 2040	1015 x 2089	SDF926FCA2	DF926FCA4
Single with standard sill 140mm*	762 x 1981	851 x 2074	SDF26FCA1*	
	838 x 1981	927 x 2074	SDF29FCA1*	
Single with flush sill 78mm	762 x 1981	851 x 2059	SDF26FCA3	
	838 x 1981	927 x 2059	SDF29FCA3	

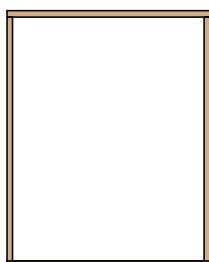


Single with sill



Single without sill

\*Inward opening only.



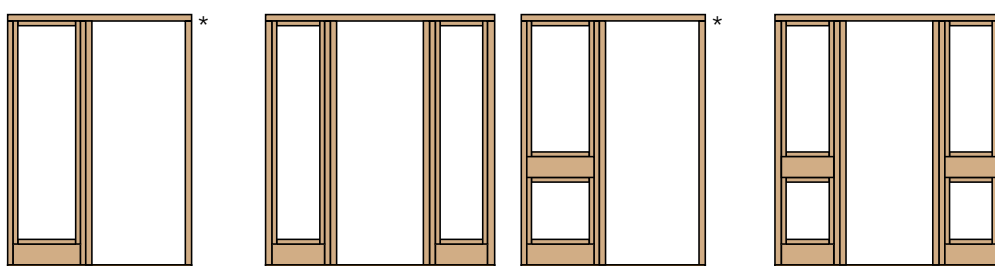
## FRENCH WITH SILL

### Softwood

To suit door sizes (mm) WxHxD	Overall frame size (mm) WxH	Inward opening	Outward opening
2no. 762 x 1981	1604 x 2076	FN40115M	FX40115M
2no. 838 x 1981	1756 X 2076	FN5055M	FX5055M
1 pair 1168 x 1981	1260 X 2076	FN310M	FCP126310

## SINGLE & SIDE LIGHTS WITH SILL

Doors open inwards, (unglazed as standard). When ordering, please state "as catalogue" or "opposite catalogue", "as catalogue" means the side light is on the left when viewed from the outside.



### Softwood

To suit door sizes (mm) WxHxD	Overall frame size (mm) WxH	With side light	With 2 side lights	With split side light	With 2 split side lights
838 x 1981 x 44	1195 x 2086	FE120029		FER120029	
838 x 1981 x 44	1345 x 2086	FE135029		FER135029	
838 x 1981 x 44	1495 x 2086	FE150029		FER150029	FERD150029
838 x 1981 x 44	1645 x 2086	FE165029	FED165029	FER165029	FERD165029
838 x 1981 x 44	1795 x 2086	FE180029	FED180029	FER180029	FERD180029
838 x 1981 x 44	2095 x 2086		FED210029		FERD210029

\*Side lights are available left hand (shown above) or right hand when viewed from the outside. If handing is not specified at time of order, side lights will be supplied left hand.

## SINGLE & TOP LIGHTS WITH SILL

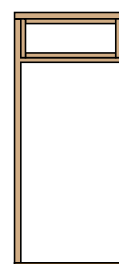


Supplied unglazed as standard.

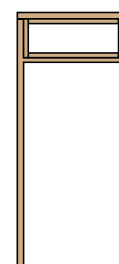
### Softwood      Hardwood

	To suit door sizes (mm) WxHxD	Overall frame size (mm) WxH	Softwood	Hardwood
With sill (inward opening only)	838 x 1981 x 44	930 x 2395	VFN29M-MOB	VFN29MH-MOB
	914 x 1981 x 44	1006 x 2395	VFN30M-MOB	VFN30MH-MOB
Without sill (reversible)*	838 x 1981 x 44	930 x 2395	VF29M	VF29MH
	914 x 1981 x 44	1006 x 2395	VF30M	VF30MH

\*Suitable for use with separate threshold. Extended jambs to allow mobility threshold upto 14mm high.



Single with sill and top light



Single reversible without sill, with top light





FLUSH, Fusion Olive Ash

# INTERIOR DOORS

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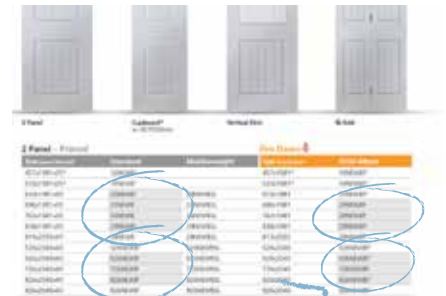
# CHOOSING INTERIOR DOORS

Interior doors can make a striking statement. JELD-WEN has an abundance of styles and types to suit all tastes and budgets.

Our wide range of doors are available in a variety of finishes and styles, with options to suit all applications. Install two doors together as a pair, or alternatively choose matching bi-fold's or cupboard doors for use where space is limited. Choose glazed options to pull light into a room without sacrificing warmth or sound insulation.



SINGLE DOORS



## CHOICE

We are dedicated to sustainability which is why all our doors are FSC® or PEFC certified. For a premium feel, our timber feature range in American white oak and primed timber, have a solid traditional construction. Flush veneers offer a sleek look and have been growing in popularity. We have new designs in our 'Selection' range which come in a range of sizes and finishes. Moulded doors come in a range of designs suitable for a refurbishment project or new build applications.



## FIRE DOORS

Building Regulations require fire doors in attic conversions, new properties with three storeys or more, apartment entrances and for access from a garage to the home. Take a look at our unique range of 35mm fire doors that fit most existing door frames, great for refurbishments. There are FD30 options offering 30 minutes fire resistance – all when fitted correctly following fitting instructions and using the correct hardware and intumescent strips.



All JELD-WEN fire doors are independently assessed to meet the BWF-Certifire standards.

## IN STOCK

To improve our service to you, we have enhanced our core range of interior doors available on reduced lead times. There's now even more choice of door designs and sizes available to order for delivery to site in a matter of days. These ranges are highlighted in grey in the section.





FOLDING SLIDING



BI-FOLD



PAIRS



CUPBOARD

View our door fitting videos on [Youtube.com/JELDWENUK](https://www.youtube.com/JELDWENUK)

# MOULDED RANGE

Choose the Moulded range for a good quality, cost effective solution that offers both contemporary and traditional designs. A firm favourite amongst homeowners with its wide choice of designs, finishes, sizes, constructions, glazing and fire door options.



Newbridge Vertical Etch



**NEWBRIDGE** <sup>S</sup> 2 Panel    **NEWBRIDGE** <sup>S</sup> Vertical Etch    **NEWBRIDGE** <sup>S</sup> Bi-fold    **NEWARK** <sup>W</sup> Cottage Panel    **NEWARK** <sup>W</sup> Vertical Etch    **LINEA** <sup>S</sup> 5 Panel    **LINEA** <sup>S</sup> 1 Light Clear/Etch    **LINEA** <sup>S</sup> 5 Light Clear/Etch



**ROCKPORT** <sup>S</sup> 5 Panel    **ROCKPORT** <sup>S</sup> Leaded    **CAMBRIDGE** <sup>S</sup> 2 Panel    **CAMBRIDGE** <sup>S</sup> 6 Light Etch    **CAMDEN** <sup>W</sup> 2 Panel    **CAMDEN** <sup>W</sup> 6 Light Etch    **CAMDEN** <sup>W</sup> 10 Light Etch    **CAMDEN** <sup>W</sup> Bi-fold

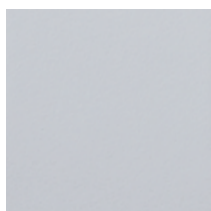


**ARLINGTON** <sup>S</sup> 6 Panel    **ARLINGTON** <sup>S</sup> Bi-fold    **ATHERTON** <sup>S</sup> 4 Panel    **ATHERTON** <sup>S</sup> Bi-fold    **BOSTONIAN** <sup>W</sup> 6 Panel    **BOSTONIAN** <sup>W</sup> Bi-fold    **OAKFIELD** <sup>W</sup> 4 Panel    **OAKFIELD** <sup>W</sup> Bi-fold

GLAZED DESIGN OPTIONS for the Arlington (p112-113), Atherton (p114-115), Bostonian (p116-117) and Oakfield (p118-119).



<sup>S</sup> <sup>W</sup> 2 Light Clear    <sup>S</sup> <sup>W</sup> 2 Light Etch    <sup>S</sup> <sup>W</sup> 2 Light Marginal Etch    <sup>S</sup> <sup>W</sup> 2 Light Geometric    <sup>S</sup> <sup>W</sup> 6 Light Etch    <sup>S</sup> <sup>W</sup> 10 Light Etch    <sup>S</sup> 2 Light Geometric Vertical    <sup>S</sup> <sup>W</sup> Clear Bi-fold    <sup>S</sup> <sup>W</sup> Etch Bi-fold



<sup>S</sup> Smooth finish

<sup>W</sup> Woodgrain finish



# NEWBRIDGE

## SMOOTH FINISH

A contemporary and modern door featuring a 2 panel, vertical design. Choose the undercoated option to save time. Complete the look with a range of glazing, pair, bi-fold and fire door options for the whole house.





2 Panel

Cupboard\*  
w: 457/533mm

Vertical Etch

Bi-fold

2 Panel – Primed

Fire Doors

Size (mm) WxHxD	Standard	Middleweight	Size (mm) WxH	FD30 44mm
457x1981x35*	16NEWB†		457x1981*	16NEWBF†
533x1981x35*	19NEWB†		533x1981*	19NEWBF†
610x1981x35	20NEWB†	20NEWBSL†	610x1981	20NEWBF†
686x1981x35	23NEWB	23NEWBSL	686x1981	23NEWBF
762x1981x35	26NEWB	26NEWBSL	762x1981	26NEWBF
838x1981x35	29NEWB†	29NEWBSL†	838x1981	29NEWBF†
813x2032x35	28NEWB	28NEWBSL	813x2032	28NEWBF
526x2040x40	526NEWB†	526NEWBSL†	526x2040	526NEWBF†
626x2040x40	626NEWB†	626NEWBSL†	626x2040	626NEWBF†
726x2040x40	726NEWB	726NEWBSL	726x2040	726NEWBF
826x2040x40	826NEWB†	826NEWBSL†	826x2040	826NEWBF†
926x2040x40	926NEWB†	926NEWBSL†	926x2040	926NEWBF†

2 Panel – Undercoated

Fire Doors

Size (mm) WxHxD	Standard	Middleweight	Size (mm) WxH	FD30 44mm
457x1981x35*	W16NEWB†		457x1981*	W16NEWBF†
533x1981x35*	W19NEWB†		533x1981*	W19NEWBF†
610x1981x35	W20NEWB†	W20NEWBSL†	610x1981	W20NEWBF†
686x1981x35	W23NEWB	W23NEWBSL	686x1981	W23NEWBF
762x1981x35	W26NEWB	W26NEWBSL	762x1981	W26NEWBF
838x1981x35	W29NEWB†	W29NEWBSL†	838x1981	W29NEWBF†
813x2032x35	W28NEWB	W28NEWBSL	813x2032	W28NEWBF
526x2040x40	W526NEWB†	W526NEWBSL†	526x2040	W526NEWBF†
626x2040x40	W626NEWB†	W626NEWBSL†	626x2040	W626NEWBF†
726x2040x40	W726NEWB	W726NEWBSL	726x2040	W726NEWBF
826x2040x40	W826NEWB†	W826NEWBSL†	826x2040	W826NEWBF†
926x2040x40	W926NEWB†	W926NEWBSL†	926x2040	W926NEWBF†

Vertical Etch

Size (mm) WxHxD	Etch
610x1981x35	20APHNEWB+VE†
686x1981x35	23APHNEWB+VE
762x1981x35	26APHNEWB+VE
838x1981x35	29APHNEWB+VE†
813x2032x35	28APHNEWB+VE
626x2040x40	626APHNEWB+VE†
726x2040x40	726APHNEWB+VE
826x2040x40	826APHNEWB+VE†
926x2040x40	926APHNEWB+VE†

Bi-fold

Size (mm) WxHxD	
610x1981x35	20BINB
686x1981x35	23BINB
762x1981x35	26BINB
838x1981x35	29BINB

Bi-fold doors are manufactured undersize to fit sizes above.

† 457, 526, 533mm doors have 3 panels.  
610 and 626mm doors have 4 panels.  
826, 838 and 926mm doors have 6 panels.

# NEWARK

## WOODGRAIN FINISH

Choose the Newark for vertical lines in a panel, moulded design. A popular choice and the woodgrain finish provides the look and feel of a traditional timber door. Primed ready for site decoration as standard. Glazed options available to complement the home.







Cottage Panel

Vertical Etch

**Cottage Panel – Primed**

Size (mm) WxHxD	Standard	Middleweight	Heavyweight
610x1981x35	20NEWA†	20NEWASL†	
686x1981x35	23NEWA†	23NEWASL†	23NEWAHW†
762x1981x35	26NEWA	26NEWASL	26NEWAHW
838x1981x35	29NEWA	29NEWASL	29NEWAHW
813x2032x35	28NEWA	28NEWASL	
626x2040x40	626NEWA	626NEWASL	626NEWAHW
726x2040x40	726NEWA	726NEWASL	726NEWAHW
826x2040x40	826NEWA	826NEWASL	826NEWAHW
926x2040x40	926NEWA	926NEWASL	926NEWAHW

**Fire Doors**

Size (mm) WxH	FD30 35mm	FD30 44mm
610x1981		20NEWAF†
686x1981	23NEWA35F†	23NEWAF†
762x1981	26NEWA35F	26NEWAF
838x1981	29NEWA35F	29NEWAF
813x2032		28NEWAF
626x2040		626NEWAF
726x2040		726NEWAF
826x2040		826NEWAF
926x2040		926NEWAF

**Cottage Panel – Undercoated**

Size (mm) WxHxD	Standard	Middleweight	Heavyweight
610x1981x35	W20NEWA†	W20NEWASL†	
686x1981x35	W23NEWA†	W23NEWASL†	W23NEWAHW†
762x1981x35	W26NEWA	W26NEWASL	W26NEWAHW
838x1981x35	W29NEWA	W29NEWASL	W29NEWAHW
813x2032x35	W28NEWA	W28NEWASL	
626x2040x40	W626NEWA	W626NEWASL	W626NEWAHW
726x2040x40	W726NEWA	W726NEWASL	W726NEWAHW
826x2040x40	W826NEWA	W826NEWASL	W826NEWAHW
926x2040x40	W926NEWA	W926NEWASL	W926NEWAHW

**Fire Doors**

Size (mm) WxH	FD30 35mm	FD30 44mm
610x1981		W20NEWAF†
686x1981	W23NEWA35F†	W23NEWAF†
762x1981	W26NEWA35F	W26NEWAF
838x1981	W29NEWA35F	W29NEWAF
813x2032		W28NEWAF
626x2040		W626NEWAF
726x2040		W726NEWAF
826x2040		W826NEWAF
926x2040		W926NEWAF

**Cottage Panel – Fully Finished**

Size (mm) WxHxD	Standard	Middleweight	Heavyweight
610x1981x35	20NEWA+P†	20NEWASL+P†	
686x1981x35	23NEWA+P†	23NEWASL+P†	23NEWAHW+P†
762x1981x35	26NEWA+P	26NEWASL+P	26NEWAHW+P
838x1981x35	29NEWA+P	29NEWASL+P	29NEWAHW+P
813x2032x35	28NEWA+P	28NEWASL+P	
626x2040x40	626NEWA+P	626NEWASL+P	626NEWAHW+P
726x2040x40	726NEWA+P	726NEWASL+P	726NEWAHW+P
826x2040x40	826NEWA+P	826NEWASL+P	826NEWAHW+P
926x2040x40	926NEWA+P	926NEWASL+P	926NEWAHW+P

**Fire Doors**

Size (mm) WxH	FD30 35mm	FD30 44mm
610x1981		20NEWAF+P†
686x1981	23NEWA35F+P†	23NEWAF+P†
762x1981	26NEWA35F+P	26NEWAF+P
838x1981	29NEWA35F+P	29NEWAF+P
813x2032		28NEWAF+P
626x2040		626NEWAF+P
726x2040		726NEWAF+P
826x2040		826NEWAF+P
926x2040		926NEWAF+P

**Vertical Etch**

Size (mm) WxHxD	Etch
610x1981x35	20APHNEWA+VE†
686x1981x35	23APHNEWA+VE†
762x1981x35	26APHNEWA+VE
838x1981x35	29APHNEWA+VE
813x2032x35	28APHNEWA+VE
626x2040x40	626APHNEWA+VE
726x2040x40	726APHNEWA+VE
826x2040x40	826APHNEWA+VE
926x2040x40	926APHNEWA+VE

† 610 and 686mm have 4 panels.

# LINEA

## SMOOTH FINISH

The smooth finish and clean horizontal lines, give the Linea a designer look for modern homes or refurbishment projects. Primed ready for site decoration as standard. Available with a choice of 1 light or 5 light glazing option.





5 Panel

Cupboard\*  
w: 457/533mm

1 Light Clear/Etch

5 Light Clear/Etch

**5 Panel – Primed**

**Fire Doors**

Size (mm) WxHxD	Standard	Middleweight	Size (mm) WxH	FD30 44mm
457x1981x35*	16LINE		457x1981*	16LINEF
533x1981x35*	19LINE		533x1981*	19LINEF
610x1981x35	20LINE	20LINESL	610x1981	20LINEF
686x1981x35	23LINE	23LINESL	686x1981	23LINEF
762x1981x35	26LINE	26LINESL	762x1981	26LINEF
838x1981x35	29LINE	29LINESL	838x1981	29LINEF
813x2032x35	28LINE	28LINESL	813x2032	28LINEF
526x2040x40	526LINE	526LINESL	526x2040	526LINEF
626x2040x40	626LINE	626LINESL	626x2040	626LINEF
726x2040x40	726LINE	726LINESL	726x2040	726LINEF
826x2040x40	826LINE	826LINESL	826x2040	826LINEF
926x2040x40	926LINE	926LINESL	926x2040	926LINEF

**5 Panel – Undercoated**

**Fire Doors**

Size (mm) WxHxD	Standard	Middleweight	Size (mm) WxH	FD30 44mm
457x1981x35*	W16LINE		457x1981*	W16LINEF
533x1981x35*	W19LINE		533x1981*	W19LINEF
610x1981x35	W20LINE	W20LINESL	610x1981	W20LINEF
686x1981x35	W23LINE	W23LINESL	686x1981	W23LINEF
762x1981x35	W26LINE	W26LINESL	762x1981	W26LINEF
838x1981x35	W29LINE	W29LINESL	838x1981	W29LINEF
813x2032x35	W28LINE	W28LINESL	813x2032	W28LINEF
526x2040x40	W526LINE	W526LINESL	526x2040	W526LINEF
626x2040x40	W626LINE	W626LINESL	626x2040	W626LINEF
726x2040x40	W726LINE	W726LINESL	726x2040	W726LINEF
826x2040x40	W826LINE	W826LINESL	826x2040	W826LINEF
926x2040x40	W926LINE	W926LINESL	926x2040	W926LINEF

**1 Light**

**5 Light**

Size (mm) WxHxD	1 Light		5 Light	
	Clear	Etch	Clear	Etch
610x1981x35	20AP1LINE+GCF	20AP1LINE+ET	20AP5LINE+GCF	20AP5LINE+ET
686x1981x35	23AP1LINE+GCF	23AP1LINE+ET	23AP5LINE+GCF	23AP5LINE+ET
762x1981x35	26AP1LINE+GCF	26AP1LINE+ET	26AP5LINE+GCF	26AP5LINE+ET
838x1981x35	29AP1LINE+GCF	29AP1LINE+ET	29AP5LINE+GCF	29AP5LINE+ET
813x2032x35	28AP1LINE+GCF	28AP1LINE+ET	28AP5LINE+GCF	28AP5LINE+ET
626x2040x40	626AP1LINE+GCF	626AP1LINE+ET	626AP5LINE+GCF	626AP5LINE+ET
726x2040x40	726AP1LINE+GCF	726AP1LINE+ET	726AP5LINE+GCF	726AP5LINE+ET
826x2040x40	826AP1LINE+GCF	826AP1LINE+ET	826AP5LINE+GCF	826AP5LINE+ET
926x2040x40	926AP1LINE+GCF	926AP1LINE+ET	926AP5LINE+GCF	926AP5LINE+ET



# ROCKPORT®

## SMOOTH FINISH

A well-defined 5 panel, smooth design that gives a subtle contemporary moulded appearance within the home. Adding character and quality, this door is available with leaded glazing for the ultimate sophistication.





5 Panel

Cupboard\*  
w: 457/533mm

Leaded

5 Panel – Primed

Fire Doors

Size (mm) WxHxD	Standard	Middleweight	Size (mm) WxH	FD30 44mm
457x1981x35*	16ROCK		457x1981*	16ROCKF
533x1981x35*	19ROCK		533x1981*	19ROCKF
610x1981x35	20ROCK	20ROCKSL	610x1981	20ROCKF
686x1981x35	23ROCK	23ROCKSL	686x1981	23ROCKF
762x1981x35	26ROCK	26ROCKSL	762x1981	26ROCKF
838x1981x35	29ROCK	29ROCKSL	838x1981	29ROCKF
813x2032x35	28ROCK	28ROCKSL	813x2032	28ROCKF
526x2040x40	526ROCK	526ROCKSL	526x2040	526ROCKF
626x2040x40	626ROCK	626ROCKSL	626x2040	626ROCKF
726x2040x40	726ROCK	726ROCKSL	726x2040	726ROCKF
826x2040x40	826ROCK	826ROCKSL	826x2040	826ROCKF
926x2040x40	926ROCK	926ROCKSL	926x2040	926ROCKF

5 Panel – Undercoated

Fire Doors

Size (mm) WxHxD	Standard	Middleweight	Size (mm) WxH	FD30 44mm
457x1981x35*	W16ROCK		457x1981*	W16ROCKF
533x1981x35*	W19ROCK		533x1981*	W19ROCKF
610x1981x35	W20ROCK	W20ROCKSL	610x1981	W20ROCKF
686x1981x35	W23ROCK	W23ROCKSL	686x1981	W23ROCKF
762x1981x35	W26ROCK	W26ROCKSL	762x1981	W26ROCKF
838x1981x35	W29ROCK	W29ROCKSL	838x1981	W29ROCKF
813x2032x35	W28ROCK	W28ROCKSL	813x2032	W28ROCKF
526x2040x40	W526ROCK	W526ROCKSL	526x2040	W526ROCKF
626x2040x40	W626ROCK	W626ROCKSL	626x2040	W626ROCKF
726x2040x40	W726ROCK	W726ROCKSL	726x2040	W726ROCKF
826x2040x40	W826ROCK	W826ROCKSL	826x2040	W826ROCKF
926x2040x40	W926ROCK	W926ROCKSL	926x2040	W926ROCKF

Leaded

Size (mm) WxHxD	
610x1981x35	20AP1ROCK+LD
686x1981x35	23AP1ROCK+LD
762x1981x35	26AP1ROCK+LD
838x1981x35	29AP1ROCK+LD
813x2032x35	28AP1ROCK+LD
626x2040x40	626AP1ROCK+LD
726x2040x40	726AP1ROCK+LD
826x2040x40	826AP1ROCK+LD
926x2040x40	926AP1ROCK+LD

# CAMBRIDGE

## SMOOTH FINISH

Providing subtle definition with its smooth 2 panel design, the Cambridge door is available in a broad range of sizes and a selection of core constructions, making it a popular choice. Choose a 6 Light Etch glazing design for added appeal.







2 Panel

Cupboard\*  
w: 457/533mm

6 Light Etch

**2 Panel – Primed**

**Fire Doors**

Size (mm) WxHxD	Standard	Middleweight	Size (mm) WxH	FD30 44mm
457x1981x35*	16CAMB		457x1981*	16CAMBF
533x1981x35*	19CAMB		533x1981*	19CAMBF
610x1981x35	20CAMB	20CAMBSL	610x1981	20CAMBF
686x1981x35	23CAMB	23CAMBSL	686x1981	23CAMBF
762x1981x35	26CAMB	26CAMBSL	762x1981	26CAMBF
838x1981x35	29CAMB	29CAMBSL	838x1981	29CAMBF
813x2032x35	28CAMB	28CAMBSL	813x2032	28CAMBF
526x2040x40	526CAMB	526CAMBSL	526x2040	526CAMBF
626x2040x40	626CAMB	626CAMBSL	626x2040	626CAMBF
726x2040x40	726CAMB	726CAMBSL	726x2040	726CAMBF
826x2040x40	826CAMB	826CAMBSL	826x2040	826CAMBF
926x2040x40	926CAMB	926CAMBSL	926x2040	926CAMBF

**2 Panel – Undercoated**

**Fire Doors**

Size (mm) WxHxD	Standard	Middleweight	Size (mm) WxH	FD30 44mm
457x1981x35*	W16CAMB		457x1981*	W16CAMBF
533x1981x35*	W19CAMB		533x1981*	W19CAMBF
610x1981x35	W20CAMB	W20CAMBSL	610x1981	W20CAMBF
686x1981x35	W23CAMB	W23CAMBSL	686x1981	W23CAMBF
762x1981x35	W26CAMB	W26CAMBSL	762x1981	W26CAMBF
838x1981x35	W29CAMB	W29CAMBSL	838x1981	W29CAMBF
813x2032x35	W28CAMB	W28CAMBSL	813x2032	W28CAMBF
526x2040x40	W526CAMB	W526CAMBSL	526x2040	W526CAMBF
626x2040x40	W626CAMB	W626CAMBSL	626x2040	W626CAMBF
726x2040x40	W726CAMB	W726CAMBSL	726x2040	W726CAMBF
826x2040x40	W826CAMB	W826CAMBSL	826x2040	W826CAMBF
926x2040x40	W926CAMB	W926CAMBSL	926x2040	W926CAMBF

**6 Light**

Size (mm) WxHxD	Etch
610x1981x35	20APHCAMB+SE
686x1981x35	23APHCAMB+SE
762x1981x35	26APHCAMB+SE
838x1981x35	29APHCAMB+SE
813x2032x35	28APHCAMB+SE
626x2040x40	626APHCAMB+SE
726x2040x40	726APHCAMB+SE
826x2040x40	826APHCAMB+SE
926x2040x40	926APHCAMB+SE

# CAMDEN

## WOODGRAIN FINISH

A two panel door with an arched top panel design and woodgrain effect provides a traditional look. Finish the home with a pair, bi-fold, glazing detail and fire door solutions. Choose pre-painted to save time on the project.



### 6 Light

Size (mm) WxHxD	Etch
686x1981x35	23APHCMN+SE
762x1981x35	26APHCMN+SE
838x1981x35	29APHCMN+SE
813x2032x35	28APHCMN+SE
626x2040x40	626APHCMN+SE
726x2040x40	726APHCMN+SE
826x2040x40	826APHCMN+SE
926x2040x40	926APHCMN+SE

### 10 Light

Size (mm) WxHxD	Etch
686x1981x35	23AP1CMN+SE
762x1981x35	26AP1CMN+SE
838x1981x35	29AP1CMN+SE
813x2032x35	28AP1CMN+SE
626x2040x40	626AP1CMN+SE
726x2040x40	726AP1CMN+SE
826x2040x40	826AP1CMN+SE
926x2040x40	926AP1CMN+SE

### Bi-fold

Size (mm) WxHxD	
610x1981x35	20BICM
762x1981x35	26BICM

Bi-fold doors are manufactured undersize to fit sizes above.



2 Panel

Cupboard\*  
w: 457/533mm

6 Light Etch

10 Light Etch

Bi-fold

**2 Panel – Primed**

Size (mm) WxHxD	Standard	Middleweight	Fire Doors	FD30 44mm
457x1981x35*	16CMN		457x1981*	16CMNF
533x1981x35*	19CMN		533x1981*	19CMNF
610x1981x35	20CMN	20CMNSL	610x1981	20CMNF
686x1981x35	23CMN	23CMNSL	686x1981	23CMNF
762x1981x35	26CMN	26CMNSL	762x1981	26CMNF
838x1981x35	29CMN	29CMNSL	838x1981	29CMNF
813x2032x35	28CMN	28CMNSL	813x2032	28CMNF
526x2040x40	526CMN	526CMNSL	526x2040	526CMNF
626x2040x40	626CMN	626CMNSL	626x2040	626CMNF
726x2040x40	726CMN	726CMNSL	726x2040	726CMNF
826x2040x40	826CMN	826CMNSL	826x2040	826CMNF
926x2040x40	926CMN	926CMNSL	926x2040	926CMNF

**2 Panel – Undercoated**

Size (mm) WxHxD	Standard	Middleweight	Fire Doors	FD30 44mm
457x1981x35*	W16CMN		457x1981*	W16CMNF
533x1981x35*	W19CMN		533x1981*	W19CMNF
610x1981x35	W20CMN	W20CMNSL	610x1981	W20CMNF
686x1981x35	W23CMN	W23CMNSL	686x1981	W23CMNF
762x1981x35	W26CMN	W26CMNSL	762x1981	W26CMNF
838x1981x35	W29CMN	W29CMNSL	838x1981	W29CMNF
813x2032x35	W28CMN	W28CMNSL	813x2032	W28CMNF
526x2040x40	W526CMN	W526CMNSL	526x2040	W526CMNF
626x2040x40	W626CMN	W626CMNSL	626x2040	W626CMNF
726x2040x40	W726CMN	W726CMNSL	726x2040	W726CMNF
826x2040x40	W826CMN	W826CMNSL	826x2040	W826CMNF
926x2040x40	W926CMN	W926CMNSL	926x2040	W926CMNF

**2 Panel – Fully finished**

Size (mm) WxHxD	Standard	Middleweight	Fire Doors	FD30 44mm
457x1981x35*	16CMN+P		457x1981*	16CMNF+P
533x1981x35*	19CMN+P		533x1981*	19CMNF+P
610x1981x35	20CMN+P	20CMNSL+P	610x1981	20CMNF+P
686x1981x35	23CMN+P	23CMNSL+P	686x1981	23CMNF+P
762x1981x35	26CMN+P	26CMNSL+P	762x1981	26CMNF+P
838x1981x35	29CMN+P	29CMNSL+P	838x1981	29CMNF+P
813x2032x35	28CMN+P	28CMNSL+P	813x2032	28CMNF+P
526x2040x40	526CMN+P	526CMNSL+P	526x2040	526CMNF+P
626x2040x40	626CMN+P	626CMNSL+P	626x2040	626CMNF+P
726x2040x40	726CMN+P	726CMNSL+P	726x2040	726CMNF+P
826x2040x40	826CMN+P	826CMNSL+P	826x2040	826CMNF+P
926x2040x40	926CMN+P	926CMNSL+P	926x2040	926CMNF+P



# ARLINGTON

## SMOOTH FINISH

Found in many homes, the popular 6 panel smooth design provides a truly traditional look. To cover every project requirement, the range offers complementary glazed, fire and bi-fold door options.



### 2 Light

Size (mm) WxHxD	Clear	Etch	Marginal	Geometric	Geometric Vertical
610x1981x35	20APARL+GCF	20APARL+ET	20APARL+MB	20APARL+GE	20AP1ARL+GEV
686x1981x35	23APARL+GCF	23APARL+ET	23APARL+MB	23APARL+GE	23AP1ARL+GEV
762x1981x35	26APARL+GCF	26APARL+ET	26APARL+MB	26APARL+GE	26AP1ARL+GEV
838x1981x35	29APARL+GCF	29APARL+ET	29APARL+MB	29APARL+GE	29AP1ARL+GEV
813x2032x35	28APARL+GCF	28APARL+ET	28APARL+MB	28APARL+GE	28AP1ARL+GEV
626x2040x40	626APARL+GCF	626APARL+ET	626APARL+MB	626APARL+GE	626AP1ARL+GEV
726x2040x40	726APARL+GCF	726APARL+ET	726APARL+MB	726APARL+GE	726AP1ARL+GEV
826x2040x40	826APARL+GCF	826APARL+ET	826APARL+MB	826APARL+GE	826AP1ARL+GEV
926x2040x40	926APARL+GCF	926APARL+ET	926APARL+MB	926APARL+GE	926AP1ARL+GEV

### 6 Light

Etch
20APHARL+SE
23APHARL+SE
26APHARL+SE
29APHARL+SE
28APHARL+SE
626APHARL+SE
726APHARL+SE
826APHARL+SE
926APHARL+SE

### 10 Light

Etch
20AP1ARL+SE
23AP1ARL+SE
26AP1ARL+SE
29AP1ARL+SE
28AP1ARL+SE
626AP1ARL+SE
726AP1ARL+SE
826AP1ARL+SE
926AP1ARL+SE



**6 Panel**      **Cupboard\***  
w: 457/533mm      **2 Light Clear/Etch**      **2 Light Marginal**      **2 Light Geometric**      **2 Light Geometric Vertical**      **6 Light Etch**      **10 Light Etch**

**6 Panel – Primed**

Size (mm) WxHxD	Standard	Middleweight	Heavyweight
457x1981x35*	16ARL†		
533x1981x35*	19ARL		
610x1981x35	20ARL	20ARLSL	
686x1981x35	23ARL	23ARLSL	23ARLHW
762x1981x35	26ARL	26ARLSL	26ARLHW
838x1981x35	29ARL	29ARLSL	29ARLHW
813x2032x35	28ARL	28ARLSL	
526x2040x40	526ARL	526ARLSL	526ARLHW
626x2040x40	626ARL	626ARLSL	626ARLHW
726x2040x40	726ARL	726ARLSL	726ARLHW
826x2040x40	826ARL	826ARLSL	826ARLHW
926x2040x40	926ARL	926ARLSL	926ARLHW

**Fire Doors** 🔥

Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981*		16ARLF†
533x1981*		19ARLF
610x1981		20ARLF
686x1981	23ARL35F	23ARLF
762x1981	26ARL35F	26ARLF
838x1981	29ARL35F	29ARLF
813x2032		28ARLF
526x2040		526ARLF
626x2040		626ARLF
726x2040		726ARLF
826x2040		826ARLF
926x2040		926ARLF

**6 Panel – Undercoated**

Size (mm) WxHxD	Standard	Middleweight	Heavyweight
457x1981x35*	W16ARL†		
533x1981x35*	W19ARL		
610x1981x35	W20ARL	W20ARLSL	
686x1981x35	W23ARL	W23ARLSL	W23ARLHW
762x1981x35	W26ARL	W26ARLSL	W26ARLHW
838x1981x35	W29ARL	W29ARLSL	W29ARLHW
813x2032x35	W28ARL	W28ARLSL	
526x2040x40	W526ARL	W526ARLSL	W526ARLHW
626x2040x40	W626ARL	W626ARLSL	W626ARLHW
726x2040x40	W726ARL	W726ARLSL	W726ARLHW
826x2040x40	W826ARL	W826ARLSL	W826ARLHW
926x2040x40	W926ARL	W926ARLSL	W926ARLHW

**Fire Doors** 🔥

Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981*		W16ARLF†
533x1981*		W19ARLF
610x1981		W20ARLF
686x1981	W23ARL35F	W23ARLF
762x1981	W26ARL35F	W26ARLF
838x1981	W29ARL35F	W29ARLF
813x2032		W28ARLF
526x2040		W526ARLF
626x2040		W626ARLF
726x2040		W726ARLF
826x2040		W826ARLF
926x2040		W926ARLF

† 457mm wide doors have 3 panels



**Bi-fold**      **2 Light Bi-fold**

**6 Panel Bi-fold**

Size (mm) WxHxD	
610x1981x35	20BIAR
686x1981x35	23BIAR
762x1981x35	26BIAR
838x1981x35	29BIAR

**2 Light Bi-fold**

Size (mm) WxHxD	Clear	Etch
610x1981x35	20APBIAR+GCF	20APBIAR+ET
686x1981x35	23APBIAR+GCF	23APBIAR+ET
762x1981x35	26APBIAR+GCF	26APBIAR+ET
838x1981x35	29APBIAR+GCF	29APBIAR+ET

Bi-fold doors are manufactured undersize to fit sizes above.

# ATHERTON

## SMOOTH FINISH

Pick the Atherton for its 4 panel smooth design and its wide range of glazing capabilities. Ideal for modern and traditional properties. Pairs, bi-fold and fire door options also complement the range.



### 2 Light

Size (mm) WxHxD	Clear	Etch	Marginal	Geometric	Geometric Vertical
610x1981x35	20APATH+GCF	20APATH+ET	20APATH+MB	20APATH+GE	20AP1ATH+GEV
686x1981x35	23APATH+GCF	23APATH+ET	23APATH+MB	23APATH+GE	23AP1ATH+GEV
762x1981x35	26APATH+GCF	26APATH+ET	26APATH+MB	26APATH+GE	26AP1ATH+GEV
838x1981x35	29APATH+GCF	29APATH+ET	29APATH+MB	29APATH+GE	29AP1ATH+GEV
813x2032x35	28APATH+GCF	28APATH+ET	28APATH+MB	28APATH+GE	28AP1ATH+GEV
626x2040x40	626APATH+GCF	626APATH+ET	626APATH+MB	626APATH+GE	626AP1ATH+GEV
726x2040x40	726APATH+GCF	726APATH+ET	726APATH+MB	726APATH+GE	726AP1ATH+GEV
826x2040x40	826APATH+GCF	826APATH+ET	826APATH+MB	826APATH+GE	826AP1ATH+GEV
926x2040x40	926APATH+GCF	926APATH+ET	926APATH+MB	926APATH+GE	926AP1ATH+GEV

### 6 Light

### 10 Light

Size (mm) WxHxD	Etch	Etch
610x1981x35	20APHATH+SE	20AP1ATH+SE
686x1981x35	23APHATH+SE	23AP1ATH+SE
762x1981x35	26APHATH+SE	26AP1ATH+SE
838x1981x35	29APHATH+SE	29AP1ATH+SE
813x2032x35	28APHATH+SE	28AP1ATH+SE
626x2040x40	626APHATH+SE	626AP1ATH+SE
726x2040x40	726APHATH+SE	726AP1ATH+SE
826x2040x40	826APHATH+SE	826AP1ATH+SE
926x2040x40	926APHATH+SE	926AP1ATH+SE





**4 Panel**      **Cupboard\***  
w: 457/533mm      **2 Light Clear/Etch**      **2 Light Marginal**      **2 Light Geometric**      **2 Light Geometric Vertical**      **6 Light Etch**      **10 Light Etch**

**4 Panel – Primed**

Size (mm) WxHxD	Standard	Middleweight	Heavyweight
457x1981x35*	16ATH†		
533x1981x35*	19ATH†		
610x1981x35	20ATH	20ATHSL	
686x1981x35	23ATH	23ATHSL	23ATHHW
762x1981x35	26ATH	26ATHSL	26ATHHW
838x1981x35	29ATH	29ATHSL	29ATHHW
813x2032x35	28ATH	28ATHSL	
626x2040x40	626ATH	626ATHSL	626ATHHW
726x2040x40	726ATH	726ATHSL	726ATHHW
826x2040x40	826ATH	826ATHSL	826ATHHW
926x2040x40	926ATH	926ATHSL	926ATHHW

**Fire Doors** 🔥

Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981*		16ATHF†
533x1981*		19ATHF†
610x1981		20ATHF
686x1981	23ATH35F	23ATHF
762x1981	26ATH35F	26ATHF
838x1981	29ATH35F	29ATHF
813x2032		28ATHF
626x2040		626ATHF
726x2040		726ATHF
826x2040		826ATHF
926x2040		926ATHF

**4 Panel – Undercoated**

Size (mm) WxHxD	Standard	Middleweight	Heavyweight
457x1981x35*	W16ATH†		
533x1981x35*	W19ATH†		
610x1981x35	W20ATH	W20ATHSL	
686x1981x35	W23ATH	W23ATHSL	W23ATHHW
762x1981x35	W26ATH	W26ATHSL	W26ATHHW
838x1981x35	W29ATH	W29ATHSL	W29ATHHW
813x2032x35	W28ATH	W28ATHSL	
626x2040x40	W626ATH	W626ATHSL	W626ATHHW
726x2040x40	W726ATH	W726ATHSL	W726ATHHW
826x2040x40	W826ATH	W826ATHSL	W826ATHHW
926x2040x40	W926ATH	W926ATHSL	W926ATHHW

**Fire Doors** 🔥

Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981*		W16ATHF†
533x1981*		W19ATHF†
610x1981		W20ATHF
686x1981	W23ATH35F	W23ATHF
762x1981	W26ATH35F	W26ATHF
838x1981	W29ATH35F	W29ATHF
813x2032		W28ATHF
626x2040		W626ATHF
726x2040		W726ATHF
826x2040		W826ATHF
926x2040		W926ATHF

† 457mm wide doors have 2 panels



**Bi-fold**      **2 Light Bi-fold**

**4 Panel Bi-fold**

Size (mm) WxHxD	
610x1981x35	20BIAT
686x1981x35	23BIAT
762x1981x35	26BIAT
838x1981x35	29BIAT

**2 Light Bi-fold**

Size (mm) WxHxD	Clear	Etch
610x1981x35	20APBIAT+GCF	20APBIAT+ET
686x1981x35	23APBIAT+GCF	23APBIAT+ET
762x1981x35	26APBIAT+GCF	26APBIAT+ET
838x1981x35	29APBIAT+GCF	29APBIAT+ET

Bi-fold doors are manufactured undersize to fit sizes above.

# BOSTONIAN

## WOODGRAIN FINISH

Choose the Bostonian for its popular 6 panel, woodgrain design and its breadth of glazing options. The bold panel detail provides prominence in a room. Suite the whole house with pairs, bi-fold and fire door possibilities.



### 2 Light

Size (mm) WxHxD	Clear	Etch	Marginal	Geometric
610x1981x35	20APOFD+GCF	20APOFD+ET	20APOFD+MB	20APOFD+GE
686x1981x35	23APOFD+GCF	23APOFD+ET	23APOFD+MB	23APOFD+GE
762x1981x35	26APOFD+GCF	26APOFD+ET	26APOFD+MB	26APOFD+GE
838x1981x35	29APOFD+GCF	29APOFD+ET	29APOFD+MB	29APOFD+GE
813x2032x35	28APOFD+GCF	28APOFD+ET	28APOFD+MB	28APOFD+GE
626x2040x40	626APOFD+GCF	626APOFD+ET	626APOFD+MB	626APOFD+GE
726x2040x40	726APOFD+GCF	726APOFD+ET	726APOFD+MB	726APOFD+GE
826x2040x40	826APOFD+GCF	826APOFD+ET	826APOFD+MB	826APOFD+GE
926x2040x40	926APOFD+GCF	926APOFD+ET	926APOFD+MB	926APOFD+GE

### 6 Light

Etch	Etch
20APHOFD+SE	20AP1OFD+SE
23APHOFD+SE	23AP1OFD+SE
26APHOFD+SE	26AP1OFD+SE
29APHOFD+SE	29AP1OFD+SE
28APHOFD+SE	28AP1OFD+SE
626APHOFD+SE	626AP1OFD+SE
726APHOFD+SE	726AP1OFD+SE
826APHOFD+SE	826AP1OFD+SE
926APHOFD+SE	926AP1OFD+SE

### 10 Light

### 6 Panel Bi-fold

Size (mm) WxHxD	
610x1981x35	20BIBT
686x1981x35	23BIBT
762x1981x35	26BIBT
838x1981x35	29BIBT

### 2 Light Bi-fold

Size (mm) WxHxD	Clear	Etch
610x1981x35	20APBIOF+GCF	20APBIOF+ET
686x1981x35	23APBIOF+GCF	23APBIOF+ET
762x1981x35	26APBIOF+GCF	26APBIOF+ET
838x1981x35	29APBIOF+GCF	29APBIOF+ET

Bi-fold doors are manufactured undersize to fit sizes above.



**6 Panel**      **Cupboard\*** w: 457mm      **Cupboard\*\*** w: 533mm      **2 Light Clear/Etch**      **2 Light Marginal**      **2 Light Geometric**      **6 Light Etch**      **10 Light Etch**

**6 Panel – Primed**

Size (mm) WxHxD				Fire Doors		
	Standard	Middleweight	Heavyweight	Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981x35*	16BTN <sup>†</sup>	16BTNSL <sup>†</sup>		457x1981*		16BTNF <sup>†</sup>
533x1981x35**	19BTN	19BTNSL		533x1981**		19BTNF
610x1981x35	20BTN	20BTNSL		610x1981		20BTNF
686x1981x35	23BTN	23BTNSL	23BTNHW	686x1981	23BTN35F	23BTNF
762x1981x35	26BTN	26BTNSL	26BTNHW	762x1981	26BTN35F	26BTNF
838x1981x35	29BTN	29BTNSL	29BTNHW	838x1981	29BTN35F	29BTNF
813x2032x35	28BTN	28BTNSL		813x2032		28BTNF
526x2040x40	526BTN	526BTNSL	526BTNHW	526x2040		526BTNF
626x2040x40	626BTN	626BTNSL	626BTNHW	626x2040		626BTNF
726x2040x40	726BTN	726BTNSL	726BTNHW	726x2040		726BTNF
826x2040x40	826BTN	826BTNSL	826BTNHW	826x2040		826BTNF
926x2040x40	926BTN	926BTNSL	926BTNHW	926x2040		926BTNF

**6 Panel – Undercoated**

Size (mm) WxHxD				Fire Doors		
	Standard	Middleweight	Heavyweight	Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981x35*	W16BTN <sup>†</sup>	W16BTNSL <sup>†</sup>		457x1981*		W16BTNF <sup>†</sup>
533x1981x35**	W19BTN	W19BTNSL		533x1981**		W19BTNF
610x1981x35	W20BTN	W20BTNSL		610x1981		W20BTNF
686x1981x35	W23BTN	W23BTNSL	W23BTNHW	686x1981	W23BTN35F	W23BTNF
762x1981x35	W26BTN	W26BTNSL	W26BTNHW	762x1981	W26BTN35F	W26BTNF
838x1981x35	W29BTN	W29BTNSL	W29BTNHW	838x1981	W29BTN35F	W29BTNF
813x2032x35	W28BTN	W28BTNSL		813x2032		W28BTNF
526x2040x40	W526BTN	W526BTNSL	W526BTNHW	526x2040		W526BTNF
626x2040x40	W626BTN	W626BTNSL	W626BTNHW	626x2040		W626BTNF
726x2040x40	W726BTN	W726BTNSL	W726BTNHW	726x2040		W726BTNF
826x2040x40	W826BTN	W826BTNSL	W826BTNHW	826x2040		W826BTNF
926x2040x40	W926BTN	W926BTNSL	W926BTNHW	926x2040		W926BTNF

**6 Panel – Fully Finished**

Size (mm) WxHxD				Fire Doors		
	Standard	Middleweight	Heavyweight	Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981x35*	16BTN+P <sup>†</sup>	16BTNSL+P <sup>†</sup>		457x1981*		16BTNF+P <sup>†</sup>
533x1981x35**	19BTN+P	19BTNSL+P		533x1981**		19BTNF+P
610x1981x35	20BTN+P	20BTNSL+P		610x1981		20BTNF+P
686x1981x35	23BTN+P	23BTNSL+P	23BTNHW+P	686x1981	23BTN35F+P	23BTNF+P
762x1981x35	26BTN+P	26BTNSL+P	26BTNHW+P	762x1981	26BTN35F+P	26BTNF+P
838x1981x35	29BTN+P	29BTNSL+P	29BTNHW+P	838x1981	29BTN35F+P	29BTNF+P
813x2032x35	28BTN+P	28BTNSL+P		813x2032		28BTNF+P
526x2040x40	526BTN+P	526BTNSL+P	526BTNHW+P	526x2040		526BTNF+P
626x2040x40	626BTN+P	626BTNSL+P	626BTNHW+P	626x2040		626BTNF+P
726x2040x40	726BTN+P	726BTNSL+P	726BTNHW+P	726x2040		726BTNF+P
826x2040x40	826BTN+P	826BTNSL+P	826BTNHW+P	826x2040		826BTNF+P
926x2040x40	926BTN+P	926BTNSL+P	926BTNHW+P	926x2040		926BTNF+P

† 457 and 533mm wide doors have 3 panels



# OAKFIELD

## WOODGRAIN FINISH

As popular as ever, choose the Oakfield for a well-defined traditional 4 panel design. Enhance the woodgrain by choosing the pre-painted option. With a wealth of glazing options and bi-fold possibility, this door is ideal for any refurbishment project.



### 2 Light

Size (mm) WxHxD	Clear	Etch	Marginal	Geometric
610x1981x35	20APOFD+GCF	20APOFD+ET	20APOFD+MB	20APOFD+GE
686x1981x35	23APOFD+GCF	23APOFD+ET	23APOFD+MB	23APOFD+GE
762x1981x35	26APOFD+GCF	26APOFD+ET	26APOFD+MB	26APOFD+GE
838x1981x35	29APOFD+GCF	29APOFD+ET	29APOFD+MB	29APOFD+GE
813x2032x35	28APOFD+GCF	28APOFD+ET	28APOFD+MB	28APOFD+GE
626x2040x40	626APOFD+GCF	626APOFD+ET	626APOFD+MB	626APOFD+GE
726x2040x40	726APOFD+GCF	726APOFD+ET	726APOFD+MB	726APOFD+GE
826x2040x40	826APOFD+GCF	826APOFD+ET	826APOFD+MB	826APOFD+GE
926x2040x40	926APOFD+GCF	926APOFD+ET	926APOFD+MB	926APOFD+GE

### 6 Light

Etch	Etch
20APHOFD+SE	20AP1OFD+SE
23APHOFD+SE	23AP1OFD+SE
26APHOFD+SE	26AP1OFD+SE
29APHOFD+SE	29AP1OFD+SE
28APHOFD+SE	28AP1OFD+SE
626APHOFD+SE	626AP1OFD+SE
726APHOFD+SE	726AP1OFD+SE
826APHOFD+SE	826AP1OFD+SE
926APHOFD+SE	926AP1OFD+SE

### 10 Light

### 4 Panel Bi-fold

Size (mm) WxHxD	
610x1981x35	20BIOF
686x1981x35	23BIOF
762x1981x35	26BIOF
838x1981x35	29BIOF

### 2 Light Bi-fold

Size (mm) WxHxD	Clear	Etch
610x1981x35	20APBIOF+GCF	20APBIOF+ET
686x1981x35	23APBIOF+GCF	23APBIOF+ET
762x1981x35	26APBIOF+GCF	26APBIOF+ET
838x1981x35	29APBIOF+GCF	29APBIOF+ET

Bi-fold doors are manufactured undersize to fit sizes above.



**4 Panel**      **Cupboard\*** w: 457mm      **Cupboard\*\*** w: 533mm      **2 Light Clear/Etch**      **2 Light Marginal**      **2 Light Geometric**      **6 Light Etch**      **10 Light Etch**

**4 Panel – Primed**

Size (mm) WxHxD	Standard	Middleweight	Heavyweight	Fire Doors		
				Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981x35*	16OFD†			457x1981*		16OFD†
533x1981x35**	19OFD†			533x1981**		19OFD†
610x1981x35	20OFD	20OFDSL		610x1981		20OFDF
686x1981x35	23OFD	23OFDSL	23OFDHW	686x1981	23OFD35F	23OFDF
762x1981x35	26OFD	26OFDSL	26OFDHW	762x1981	26OFD35F	26OFDF
838x1981x35	29OFD	29OFDSL	29OFDHW	838x1981	29OFD35F	29OFDF
813x2032x35	28OFD	28OFDSL		813x2032		28OFDF
526x2040x40	526OFD	526OFDSL	526OFDHW	526x2040		526OFDF
626x2040x40	626OFD	626OFDSL	626OFDHW	626x2040		626OFDF
726x2040x40	726OFD	726OFDSL	726OFDHW	726x2040		726OFDF
826x2040x40	826OFD	826OFDSL	826OFDHW	826x2040		826OFDF
926x2040x40	926OFD	926OFDSL	926OFDHW	926x2040		926OFDF

**4 Panel – Undercoated**

Size (mm) WxHxD	Standard	Middleweight	Heavyweight	Fire Doors		
				Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981x35*	W16OFD†			457x1981*		W16OFD†
533x1981x35**	W19OFD†			533x1981**		W19OFD†
610x1981x35	W20OFD	W20OFDSL		610x1981		W20OFDF
686x1981x35	W23OFD	W23OFDSL	W23OFDHW	686x1981	W23OFD35F	W23OFDF
762x1981x35	W26OFD	W26OFDSL	W26OFDHW	762x1981	W26OFD35F	W26OFDF
838x1981x35	W29OFD	W29OFDSL	W29OFDHW	838x1981	W29OFD35F	W29OFDF
813x2032x35	W28OFD	W28OFDSL		813x2032		W28OFDF
526x2040x40	W526OFD	W526OFDSL	W526OFDHW	526x2040		W526OFDF
626x2040x40	W626OFD	W626OFDSL	W626OFDHW	626x2040		W626OFDF
726x2040x40	W726OFD	W726OFDSL	W726OFDHW	726x2040		W726OFDF
826x2040x40	W826OFD	W826OFDSL	W826OFDHW	826x2040		W826OFDF
926x2040x40	W926OFD	W926OFDSL	W926OFDHW	926x2040		W926OFDF

**4 Panel – Fully Finished**

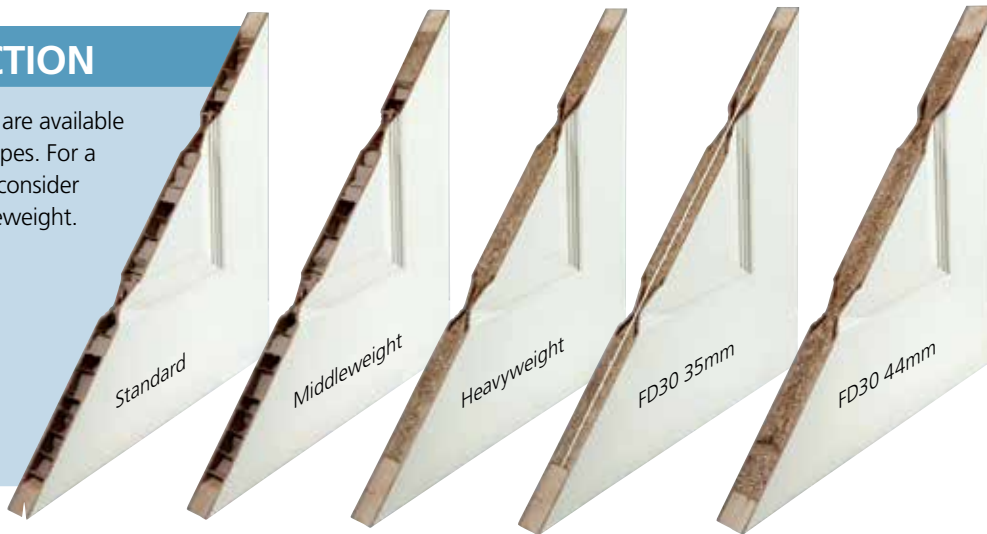
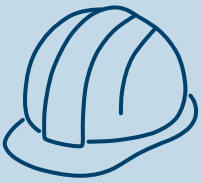
Size (mm) WxHxD	Standard	Middleweight	Heavyweight	Fire Doors		
				Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981x35*	16OFD+P†			457x1981*		16OFD+P†
533x1981x35**	19OFD+P†			533x1981**		19OFD+P†
610x1981x35	20OFD+P	20OFDSL+P		610x1981		20OFD+P
686x1981x35	23OFD+P	23OFDSL+P	23OFDHW+P	686x1981	23OFD35F+P	23OFD+P
762x1981x35	26OFD+P	26OFDSL+P	26OFDHW+P	762x1981	26OFD35F+P	26OFD+P
838x1981x35	29OFD+P	29OFDSL+P	29OFDHW+P	838x1981	29OFD35F+P	29OFD+P
813x2032x35	28OFD+P	28OFDSL+P		813x2032		28OFD+P
526x2040x40	526OFD+P	526OFDSL+P	526OFDHW+P	526x2040		526OFD+P
626x2040x40	626OFD+P	626OFDSL+P	626OFDHW+P	626x2040		626OFD+P
726x2040x40	726OFD+P	726OFDSL+P	726OFDHW+P	726x2040		726OFD+P
826x2040x40	826OFD+P	826OFDSL+P	826OFDHW+P	826x2040		826OFD+P
926x2040x40	926OFD+P	926OFDSL+P	926OFDHW+P	926x2040		926OFD+P

† 457 and 533mm wide doors have 2 panels

# MOULDED TECHNICAL INFORMATION

## CONSTRUCTION

Our moulded doors are available in a range of core types. For a more premium feel consider upgrading to middleweight.



### Standard 35mm or 40mm thick

Our standard core is hollow with one lock block to one side of the door for lock or latch fixing. This product is generally used in domestic situations. The weight is approximately 13kg.

### Middleweight 35mm or 40mm thick

A semi-solid core gives a sturdier feel than the standard hollow core option, which provides a far greater fixing area for ironmongery and a heavier feel. The weight is approximately 15kg.

### Heavyweight 35mm or 40mm thick

A solid core that gives a door a substantial feel and helps reduce sound transmission from room to room. Ironmongery can be fixed anywhere across the door surface. The weight is approximately 28kg.

### FD30 Fire 35mm thick

Solid construction 30 minute fire doors to fit existing frames. Ideal for upgrading from standard doors to fire doors. Ironmongery can be fixed anywhere across the door surface. The weight is approximately 32kg.

### FD30 Fire 44mm thick

Solid construction 30 minute fire doors to fit a standard 44mm rebate frame. Ironmongery can be placed anywhere across the surface of the door. The weight is approximately 35kg.

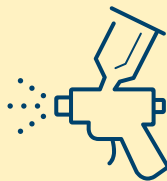
## FACTORY FINISHING

Our moulded panel doors are primed as standard, however, we offer two levels of painting:

**Undercoated** – Both faces are factory finished using moisture resistant paint which helps when doors are stored on site for periods of time. A topcoat is required when the doors are ready for hanging. Available on woodgrain and smooth options.

**Fully finished** – Similar to the undercoat option but the door goes through a final top coat process which means only the edges will need painting. Available on woodgrain doors only.

Please see product tables for product codes to order.



Undercoated



Fully finished

## DOOR SIZE CONVERSION

Metric (mm) WxH	Imperial (inches) WxH	Imperial (feet & inches) WxH
457 x 1981	18" x 78"	1'6" x 6'6"
533 x 1981	21" x 78"	1'9" x 6'6"
610 x 1981	24" x 78"	2'0" x 6'6"
686 x 1981	27" x 78"	2'3" x 6'6"
762 x 1981	30" x 78"	2'6" x 6'6"
838 x 1981	33" x 78"	2'9" x 6'6"
864 x 1981	34" x 78"	2'10" x 6'6"
914 x 1981	36" x 78"	3'0" x 6'6"
813 x 2032	32" x 80"	2'8" x 6'8"
526 x 2040	20 1/16" x 80 1/4"	1'8 1/16" x 6'8 1/4"
626 x 2040	24 5/8" x 80 1/4"	2'0 5/8" x 6'8 1/4"
726 x 2040	28 5/8" x 80 1/4"	2'4 5/8" x 6'8 1/4"
826 x 2040	32 1/2" x 80 1/4"	2'8 1/2" x 6'8 1/4"
926 x 2040	36 7/16" x 80 1/4"	3'0 7/16" x 6'8 1/4"



## GLAZING OPTIONS

We have compiled a collection of glass designs for you that we can incorporate into a selection of our moulded doors. The designs have been selected to suit property types, and have different degrees of opacity and bar designs to suit your requirements.



Glazing is undertaken in controlled factory conditions which provide quality and adherence to correct glazing practices in line with BS 6262-4:2005.

Unless stated otherwise, all glazing panels are supplied with 4mm clear glass with the design etched\*.

\*Excludes Geometric options which have etched glass with clear squares.

### Two light glazed options



Clear

Etch

Geometric\*

Marginal Etch

### Half and full glazed options



6 and 10 Light Etch

Vertical Etch  
(Newbridge &  
Newark only)

Geometric Vertical

Leaded  
(Rockport® only)



Camden 10 Light Etch

## SLIM-LINE GLAZING BEAD PROFILE

We have improved the glazing detail of our moulded door range to offer a modern, slim-line glazing bead profile.

We have upgraded this across the whole moulded glazed range (page 98-119) including bi-fold doors.



## FIRE DOORS

**Our range of fire resisting moulded doors offer an unrivalled choice of types and styles to suit almost every application.**

**Fire doors available as 30 minute with a choice of door thicknesses 35mm and 44mm.**

We offer 35mm 30 minute moulded fire doors that can be used in existing frames and linings, So there's no need to remove the existing frame, saving you unnecessary disruption and time spent on installation.

JELD-WEN fire doors are designed to comply with Approved Document B. When specifying doors and hardware you must consider the implications of Approved Document M. For specific guidance contact your local Building Control office.

All JELD-WEN fire doors and doorsets are manufactured under the BWF-Certifire scheme, and have a unique identification number which can be traced back to date of manufacture. This is printed on the label which is placed on the top edge of the door, and it should never be removed as it is there for traceability.



Fire door specifications cover a range of fire ratings. Under the BWF-Certifire scheme, all doors need to include intumescent strips between the door and frame gaps on the top and sides, to give the assurance of reliability in the event of a fire. For FD20 situations, we specify using FD30 door, lining and intumescent assemblies, common to FD30 installation.

These products are designed to protect lives: this is the minimum rating for JELD-WEN fire resisting doors.

CE marked Certifire approved hardware and intumescent strips should be installed correctly.

Always refer to the individual fitting instructions that come with each door.

FD30 fire rated doors will provide up to 30 minutes fire resistance when fitted in appropriate frame with intumescent strips in jambs and head or top and long edges of door in accordance with the instructions and certification data sheet.



## DOOR INSTALLATION

### Standard

Standard core doors can be hung on 2 x 76mm (3") hinges unless the weight exceeds 20kg or a large difference in humidity on opposite faces of the door is likely. A bathroom door for example, requires three hinges.



When fitting your door, pay particular attention to the lock block area. Standard doors have a reinforced area to accommodate a latch and handle. It is located approximately 900mm from the bottom of the door, which measures to the centre of the lock block giving 160mm of area either side of this measurement.

This is marked by the words LOCK printed on the top edge of the door indicating which side. The block is 320mm high and 55mm wide.

### Middleweight, heavyweight & glazed

Middleweight and heavyweight moulded doors are of solid construction meaning hardware can be fitted anywhere on the door.

Moulded glazed doors have reinforced areas running the length of the door on each side, in this case you have 60mm from the edge of the door to place a latch and handle.



We do not recommend the use of either Auger or Speed bit drill bit as this can result in damage to the door, use appropriate wood drill bits.

### Fire doors

Fire doors are a safety product. Doors need to be installed using the correct hardware including three CE marked, Certifire approved hinges, latch or locks. Other important components are also necessary to make the fire door perform correctly in the event of a fire such as intumescent or smoke seals.

Because all fire doors are manufactured differently, follow the individual instructions that come with each door.

Data sheets are available in the resource centre of our website [jeld-wen.co.uk](http://jeld-wen.co.uk)

## STORAGE

Store doors flat in dry conditions on three equally spaced lever bearers. Plastic wrapping should remain on the door until ready for finishing and installing.



## TRIMMING

Moulded doors have a maximum 4mm trim allowance on the two long edges, 6mm on the bottom edge and no trim allowance along the top edge.



Single doors are suitable for rebating to form a pair but the correct rebated pair latch in this instance should be used.

Fire doors should not be trimmed at the top as this provides a unique traceable label. Please refer to our product data sheets available on [jeld-wen.co.uk](http://jeld-wen.co.uk).

Trimming more than the specified allowance will void the product guarantees.

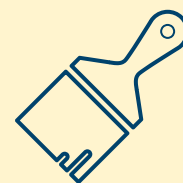
## GUARANTEES

We offer a 10 year guarantee against manufacturing defects. JELD-WEN will accept no responsibility for products cut down to size after receipt, of which use or structural strength is impaired following improper fitting of doors or hardware.



## DECORATION

As soon as doors are taken out of their wrappings they should be fully decorated within a 24 hour period.



Primed and undercoated moulded doors require decoration using a suitable paint system including a base coat when finishing primed doors.

All surfaces should be finished adequately including the two faces, four edges including cut outs for locks, handles and hinge recesses.

Moulded fully finished doors require no decoration to the two faces, however, the four edges of the door and cut outs for locks, handles and hinge recesses will require decoration using a suitable paint system.

Adequate drying time must be allowed between coats.





# FLUSH RANGE

A wide range of flush doors available either pre-finished in real wood veneer to offer a stunning natural finish without the need for decoration, or alternatively our paint grade doors can be painted any colour or pattern. Glazing options and fire doors are available in abundance to complement the range.



Textured White Oak

PAINT GRADE



PAINT GRADE Premium PAINT GRADE GW01/GC01 GW05/GC05 GW06/GC06

STANDARD REAL WOOD VENEER



KOTO WHITE OAK BEECH SAPELE

SELECTION REAL WOOD VENEER



ASH WALNUT GC01 GC05 GC06 FUSION White Oak FUSION White Oak 1 Light Clear FUSION White Oak 3 Light Clear FUSION Walnut



FUSION Walnut 1 Light Clear FUSION Walnut 3 Light Clear FUSION Olive Ash FUSION Olive Ash 3 Light Clear FUSION Grey FUSION Grey 1 Light Clear FUSION Grey 3 Light Clear INLAY White Oak INLAY White Oak 4 Light Clear



INLAY White Oak Twin INLAY White Oak Twin 4 Light Clear INLAY Walnut INLAY Walnut 4 Light Clear INLAY Silver Ash INLAY Silver Ash 4 Light Clear INLAY Brown Ash INLAY Brown Ash 4 Light Clear TEXTURED White Oak



TEXTURED White Oak 3 Light Clear TEXTURED Dark Oak TEXTURED Dark Oak 3 Light Clear

Note: Slight marking and differences in shade and pattern are natural characteristics of real wood veneer. You may find colour variations between individual doors.

# PAINT GRADE

Paint Grade doors offer economical solutions for home, offices and retail environments. With a woodgrain design and supplied unfinished, alternatively choose the Premium door for its smooth and primed finish saving time on site. Fire doors and selected glazing detail are available within this range.







Paint Grade Premium

Paint Grade

GW01/GC01

GW05/GC05

GW06/GC06

**Paint Grade Premium**

Size (mm) WxHxD	Standard	Fire Doors		
		Size (mm) WxH	FD30 35mm	FD30 44mm
457x1981x35	16PGPR			
533x1981x35	19PGPR	533x1981		19PGPRF
610x1981x35	20PGPR	610x1981		20PGPRF
686x1981x35	23PGPR	686x1981	23PGPR35F	23PGPRF
711x1981x35	24PGPR			
762x1981x35	26PGPR	762x1981	26PGPR35F	26PGPRF
838x1981x35	29PGPR	838x1981	29PGPR35F	29PGPRF
813x2032x35	28PGPR	813x2032		28PGPRF
526x2040x40	526PGPR	526x2040		526PGPRF
626x2040x40	626PGPR	626x2040		626PGPRF
726x2040x40	726PGPR	726x2040		726PGPRF
826x2040x40	826PGPR	826x2040		826PGPRF
926x2040x40	926PGPR	926x2040		926PGPRF

**Paint Grade**

Size (mm) WxH	Standard 35mm	Standard 40mm	Fire Doors			
			Size (mm) WxH	FD30 35mm	FD30 44mm	FD60 54mm
457x1981	16IPL3	16IPL5				
533x1981	19IPL3	19IPL5	533x1981		19IPLF	
610x1981	20IPL3	20IPL5	610x1981		20IPLF	20F1XFD
686x1981	23IPL3	23IPL5	686x1981	23IPL35F	23IPLF	23F1XFD
711x1981	24IPL3					
762x1981	26IPL3	26IPL5	762x1981	26IPL35F	26IPLF	26F1XFD
838x1981	29IPL3	29IPL5	838x1981	29IPL35F	29IPLF	29F1XFD
813x2032	28IPL3	28IPL5				
610x1829	6020IPL3					
813x1981	6628IPL3	6628IPL5	813x2032		28IPLF	28F1XFD
426x2040		426IPL5	426x2040		426IPLF	
526x2040		526IPL5	526x2040		526IPLF	
626x2040		626IPL5	626x2040		626IPLF	
726x2040		726IPL5	726x2040		726IPLF	726F1XFD
826x2040		826IPL5	826x2040		826IPLF	826F1XFD
926x2040		926IPL5	926x2040		926IPLF	

**Paint Grade Glazed Fire Doors**

Aperture	Size (mm) WxHxD	Wired Glass	Clear Glass
		FD30 44mm	FD30 44mm
<b>GW01/GC01</b>	762x1981x44	26IPLF+GW01	26IPLF+GC01
	838x1981x44	29IPLF+GW01	29IPLF+GC01
	826x2040x44	826IPLF+GW01	826IPLF+GC01
	926x2040x44	926IPLF+GW01	926IPLF+GC01
<b>GW05/GC05</b>	762x1981x44	26IPLF+GW05	26IPLF+GC05
	838x1981x44	29IPLF+GW05	29IPLF+GC05
	826x2040x44	826IPLF+GW05	826IPLF+GC05
	926x2040x44	926IPLF+GW05	926IPLF+GC05
<b>GW06/GC06</b>	762x1981x44	26IPLF+GW06	26IPLF+GC06
	838x1981x44	29IPLF+GW06	29IPLF+GC06
	826x2040x44	826IPLF+GW06	826IPLF+GC06
	926x2040x44	926IPLF+GW06	926IPLF+GC06

# STANDARD

## REAL WOOD VENEER

Our 'Standard' real wood veneer range offers a traditional natural timber look that's pre-finished to save decorating time on site. Available in a choice of hollow core and FD30 fire core constructions with glazed options to match.



White Oak



GC01

GC05

GC06

### Glazed FD30 Fire Doors

Aperture	Size (mm) WxHxD	Ash (Crown cut)	White Oak (Crown cut)
		Unframed	Unframed
<b>GC01</b> Clear Glass	762x1981x44	26ASHOVF+GC01	26WOKOVF+GC01
	838x1981x44	29ASHOVF+GC01	29WOKOVF+GC01
	826x2040x44	826ASHOVF+GC01	826WOKOVF+GC01
	926x2040x44	926ASHOVF+GC01	926WOKOVF+GC01
<b>GC05</b> Clear Glass	762x1981x44	26ASHOVF+GC05	26WOKOVF+GC05
	838x1981x44	29ASHOVF+GC05	29WOKOVF+GC05
	826x2040x44	826ASHOVF+GC05	826WOKOVF+GC05
	926x2040x44	926ASHOVF+GC05	926WOKOVF+GC05
<b>GC06</b> Clear Glass	762x1981x44	26ASHOVF+GC06	26WOKOVF+GC06
	838x1981x44	29ASHOVF+GC06	29WOKOVF+GC06
	826x2040x44	826ASHOVF+GC06	826WOKOVF+GC06
	926x2040x44	926ASHOVF+GC06	926WOKOVF+GC06



**Koto**                      **White Oak**                      **Beech**                      **Sapele**                      **Ash**                      **Walnut**

	<b>Koto</b> (Quarter cut)	<b>White Oak</b> (Crown cut)	<b>Beech</b> (Quarter cut)	<b>Sapele</b> (Quarter cut)	<b>Ash</b> (Crown cut)	<b>Walnut</b> (Crown cut)
<b>Size (mm) WxHxD</b>						
457x1981x35	16KOTOV	16WOKOV	16BCHOV	16SAPOV	16ASHOV	16WALOV
533x1981x35	19KOTOV	19WOKOV	19BCHOV	19SAPOV	19ASHOV	19WALOV
610x1981x35	20KOTOV	20WOKOV	20BCHOV	20SAPOV	20ASHOV	20WALOV
686x1981x35	23KOTOV	23WOKOV	23BCHOV	23SAPOV	23ASHOV	23WALOV
762x1981x35	26KOTOV	26WOKOV	26BCHOV	26SAPOV	26ASHOV	26WALOV
838x1981x35	29KOTOV	29WOKOV	29BCHOV	29SAPOV	29ASHOV	29WALOV
813x2032x35	28KOTOV	28WOKOV	28BCHOV	28SAPOV	28ASHOV	28WALOV
526x2040x40	526KOTOV	526WOKOV	526BCHOV	526SAPOV	526ASHOV	526WALOV
626x2040x40	626KOTOV	626WOKOV	626BCHOV	626SAPOV	626ASHOV	626WALOV
726x2040x40	726KOTOV	726WOKOV	726BCHOV	726SAPOV	726ASHOV	726WALOV
826x2040x40	826KOTOV	826WOKOV	826BCHOV	826SAPOV	826ASHOV	826WALOV
926x2040x40	926KOTOV	926WOKOV	926BCHOV	926SAPOV	926ASHOV	926WALOV

<b>FD30 Fire Doors</b> 🔥	<b>Koto</b> 🔥 (Quarter cut)		<b>White Oak</b> 🔥 (Crown cut)		<b>Beech</b> 🔥 (Quarter cut)	
	<b>Unframed</b>	<b>Framed</b>	<b>Unframed</b>	<b>Framed</b>	<b>Unframed</b>	<b>Framed</b>
<b>Size (mm) WxHxD</b>						
457x1981x44	16KOTOV	16KOTOVFR	16WOKOV	16WOKOVFR	16BCHOV	16BCHOVFR
533x1981x44	19KOTOV	19KOTOVFR	19WOKOV	19WOKOVFR	19BCHOV	19BCHOVFR
610x1981x44	20KOTOV	20KOTOVFR	20WOKOV	20WOKOVFR	20BCHOV	20BCHOVFR
686x1981x44	23KOTOV	23KOTOVFR	23WOKOV	23WOKOVFR	23BCHOV	23BCHOVFR
762x1981x44	26KOTOV	26KOTOVFR	26WOKOV	26WOKOVFR	26BCHOV	26BCHOVFR
838x1981x44	29KOTOV	29KOTOVFR	29WOKOV	29WOKOVFR	29BCHOV	29BCHOVFR
813x2032x44	28KOTOV	28KOTOVFR	28WOKOV	28WOKOVFR	28BCHOV	28BCHOVFR
914x1981x44			30WOKOV			
526x2040x44	526KOTOV	526KOTOVFR	526WOKOV	526WOKOVFR	526BCHOV	526BCHOVFR
626x2040x44	626KOTOV	626KOTOVFR	626WOKOV	626WOKOVFR	626BCHOV	626BCHOVFR
726x2040x44	726KOTOV	726KOTOVFR	726WOKOV	726WOKOVFR	726BCHOV	726BCHOVFR
826x2040x44	826KOTOV	826KOTOVFR	826WOKOV	826WOKOVFR	826BCHOV	826BCHOVFR
926x2040x44	926KOTOV	926KOTOVFR	926WOKOV	926WOKOVFR	926BCHOV	926BCHOVFR

<b>FD30 Fire Doors</b> 🔥	<b>Sapele</b> 🔥 (Quarter cut)		<b>Ash</b> 🔥 (Crown cut)		<b>Walnut</b> 🔥 (Crown cut)	
	<b>Unframed</b>	<b>Framed</b>	<b>Unframed</b>	<b>Framed</b>	<b>Unframed</b>	<b>Framed</b>
<b>Size (mm) WxHxD</b>						
457x1981x44	16SAPOV	16SAPOVFR	16ASHOV	16ASHOVFR	16WALOV	16WALOVFR
533x1981x44	19SAPOV	19SAPOVFR	19ASHOV	19ASHOVFR	19WALOV	19WALOVFR
610x1981x44	20SAPOV	20SAPOVFR	20ASHOV	20ASHOVFR	20WALOV	20WALOVFR
686x1981x44	23SAPOV	23SAPOVFR	23ASHOV	23ASHOVFR	23WALOV	23WALOVFR
762x1981x44	26SAPOV	26SAPOVFR	26ASHOV	26ASHOVFR	26WALOV	26WALOVFR
838x1981x44	29SAPOV	29SAPOVFR	29ASHOV	29ASHOVFR	29WALOV	29WALOVFR
813x2032x44	28SAPOV	28SAPOVFR	28ASHOV	28ASHOVFR	28WALOV	28WALOVFR
526x2040x44	526SAPOV	526SAPOVFR	526ASHOV	526ASHOVFR	526WALOV	526WALOVFR
626x2040x44	626SAPOV	626SAPOVFR	626ASHOV	626ASHOVFR	626WALOV	626WALOVFR
726x2040x44	726SAPOV	726SAPOVFR	726ASHOV	726ASHOVFR	726WALOV	726WALOVFR
826x2040x44	826SAPOV	826SAPOVFR	826ASHOV	826ASHOVFR	826WALOV	826WALOVFR
926x2040x44	926SAPOV	926SAPOVFR	926ASHOV	926ASHOVFR	926WALOV	926WALOVFR

For explanation of framed and unframed specification, please see page 140.



# FUSION

## REAL WOOD VENEER

Part of our 'Selection' real wood veneer range, the Fusion range gives a designer look and feel with its modern cross direction design. Ideal for domestic properties with a hollow core construction, and a choice of glazed designs for a suited appearance.





White Oak

White Oak  
1 Light Clear

White Oak  
3 Light Clear

Walnut

Walnut  
1 Light Clear

Walnut  
3 Light Clear

**White Oak**

**Fire Doors** 🔥

Size (mm) WxHxD		Size (mm) WxH	FD30 44mm
610x1981x35	20WOKHVS	610x1981	20WOKHVSF
686x1981x35	23WOKHVS	686x1981	23WOKHVSF
762x1981x35	26WOKHVS	762x1981	26WOKHVSF
838x1981x35	29WOKHVS	838x1981	29WOKHVSF
626x2040x40	626WOKHVS	626x2040	626WOKHVSF
726x2040x40	726WOKHVS	726x2040	726WOKHVSF
826x2040x40	826WOKHVS	826x2040	826WOKHVSF
926x2040x40	926WOKHVS	926x2040	926WOKHVSF

**1 Light**

**3 Light**

Size (mm) WxHxD	Clear	Clear
610x1981x35		
686x1981x35		23WOKHVSSC3+GCF
762x1981x35	26WOKHVSSC1+GCF	26WOKHVSSC3+GCF
838x1981x35	29WOKHVSSC1+GCF	29WOKHVSSC3+GCF
626x2040x40		
726x2040x40		
826x2040x40		
926x2040x40		

**Walnut**

**Fire Doors** 🔥

Size (mm) WxHxD		Size (mm) WxH	FD30 44mm
610x1981x35	20WALHVS	610x1981	20WALHVSF
686x1981x35	23WALHVS	686x1981	23WALHVSF
762x1981x35	26WALHVS	762x1981	26WALHVSF
838x1981x35	29WALHVS	838x1981	29WALHVSF
626x2040x40	626WALHVS	626x2040	626WALHVSF
726x2040x40	726WALHVS	726x2040	726WALHVSF
826x2040x40	826WALHVS	826x2040	826WALHVSF
926x2040x40	926WALHVS	926x2040	926WALHVSF

**1 Light**

**3 Light**

Size (mm) WxHxD	Clear	Clear
610x1981x35		
686x1981x35		23WALHVSSC3+GCF
762x1981x35	26WALHVSSC1+GCF	26WALHVSSC3+GCF
838x1981x35	29WALHVSSC1+GCF	29WALHVSSC3+GCF
626x2040x40		
726x2040x40		
826x2040x40		
926x2040x40		





Olive Ash



Olive Ash  
3 Light Clear



Grey



Grey  
1 Light Clear



Grey  
3 Light Clear

### Olive Ash

### Fire Doors

Size (mm) WxHxD	200ASHHVS	230ASHHVS	260ASHHVS	290ASHHVS	626OASHHVS	726OASHHVS	826OASHHVS	926OASHHVS
610x1981x35	200ASHHVS	230ASHHVS	260ASHHVS	290ASHHVS	626OASHHVS	726OASHHVS	826OASHHVS	926OASHHVS
686x1981x35	230ASHHVS	260ASHHVS	290ASHHVS	626OASHHVS	726OASHHVS	826OASHHVS	926OASHHVS	
762x1981x35	260ASHHVS	290ASHHVS	626OASHHVS	726OASHHVS	826OASHHVS	926OASHHVS		
838x1981x35	290ASHHVS	626OASHHVS	726OASHHVS	826OASHHVS	926OASHHVS			
610x1981	200ASHHVSF	230ASHHVSF	260ASHHVSF	290ASHHVSF	626OASHHVSF	726OASHHVSF	826OASHHVSF	926OASHHVSF
686x1981	230ASHHVSF	260ASHHVSF	290ASHHVSF	626OASHHVSF	726OASHHVSF	826OASHHVSF	926OASHHVSF	
762x1981	260ASHHVSF	290ASHHVSF	626OASHHVSF	726OASHHVSF	826OASHHVSF	926OASHHVSF		
838x1981	290ASHHVSF	626OASHHVSF	726OASHHVSF	826OASHHVSF	926OASHHVSF			

### 3 Light

Size (mm) WxHxD	Clear
610x1981x35	230ASHHVSSC3+GCF
686x1981x35	260ASHHVSSC3+GCF
762x1981x35	290ASHHVSSC3+GCF
838x1981x35	626OASHHVSSC3+GCF
626x2040x40	726OASHHVSSC3+GCF
726x2040x40	826OASHHVSSC3+GCF
826x2040x40	926OASHHVSSC3+GCF

### Grey

### Fire Doors

Size (mm) WxHxD	20GOAKHVS	23GOAKHVS	26GOAKHVS	29GOAKHVS	626GOAKHVS	726GOAKHVS	826GOAKHVS	926GOAKHVS
610x1981x35	20GOAKHVS	23GOAKHVS	26GOAKHVS	29GOAKHVS	626GOAKHVS	726GOAKHVS	826GOAKHVS	926GOAKHVS
686x1981x35	23GOAKHVS	26GOAKHVS	29GOAKHVS	626GOAKHVS	726GOAKHVS	826GOAKHVS	926GOAKHVS	
762x1981x35	26GOAKHVS	29GOAKHVS	626GOAKHVS	726GOAKHVS	826GOAKHVS	926GOAKHVS		
838x1981x35	29GOAKHVS	626GOAKHVS	726GOAKHVS	826GOAKHVS	926GOAKHVS			
610x1981	20GOAKHVSF	23GOAKHVSF	26GOAKHVSF	29GOAKHVSF	626GOAKHVSF	726GOAKHVSF	826GOAKHVSF	926GOAKHVSF
686x1981	23GOAKHVSF	26GOAKHVSF	29GOAKHVSF	626GOAKHVSF	726GOAKHVSF	826GOAKHVSF	926GOAKHVSF	
762x1981	26GOAKHVSF	29GOAKHVSF	626GOAKHVSF	726GOAKHVSF	826GOAKHVSF	926GOAKHVSF		
838x1981	29GOAKHVSF	626GOAKHVSF	726GOAKHVSF	826GOAKHVSF	926GOAKHVSF			

### 1 Light

Size (mm) WxHxD	Clear	3 Light Clear
610x1981x35		23GOAKHVSSC3+GCF
686x1981x35	26GOAKHVSSC1+GCF	26GOAKHVSSC3+GCF
762x1981x35	29GOAKHVSSC1+GCF	29GOAKHVSSC3+GCF
838x1981x35	626GOAKHVSSC1+GCF	626GOAKHVSSC3+GCF
626x2040x40	726GOAKHVSSC1+GCF	726GOAKHVSSC3+GCF
726x2040x40	826GOAKHVSSC1+GCF	826GOAKHVSSC3+GCF
826x2040x40	926GOAKHVSSC1+GCF	926GOAKHVSSC3+GCF







# INLAY

## REAL WOOD VENEER

Continuing with the 'Selection' range, the Inlay real wood veneer doors enhance both commercial décor and home living environments. With its lightweight hollow core, they are available in a choice of finishes, sizes and glazing options.





White Oak

White Oak  
4 Light Clear

White Oak Twin

White Oak Twin  
4 Light Clear

Walnut

Walnut  
4 Light Clear

**White Oak**

**Fire Doors**

Size (mm) WxHxD		Size (mm) WxH	FD30 44mm
610x1981x35	20WOK1P	610x1981	20WOK1PF
686x1981x35	23WOK1P	686x1981	23WOK1PF
762x1981x35	26WOK1P	762x1981	26WOK1PF
838x1981x35	29WOK1P	838x1981	29WOK1PF
626x2040x40	626WOK1P	626x2040	626WOK1PF
726x2040x40	726WOK1P	726x2040	726WOK1PF
826x2040x40	826WOK1P	826x2040	826WOK1PF
926x2040x40	926WOK1P	926x2040	926WOK1PF

**4 Light**

Size (mm) WxHxD	Clear
610x1981x35	
686x1981x35	
762x1981x35	26WOK1PSC4+GCF
838x1981x35	29WOK1PSC4+GCF
626x2040x40	
726x2040x40	
826x2040x40	
926x2040x40	

**White Oak Twin**

**Fire Doors**

Size (mm) WxHxD		Size (mm) WxH	FD30 44mm
610x1981x35	20WOKTWI	610x1981	20WOKTWIF
686x1981x35	23WOKTWI	686x1981	23WOKTWIF
762x1981x35	26WOKTWI	762x1981	26WOKTWIF
838x1981x35	29WOKTWI	838x1981	29WOKTWIF
626x2040x40	626WOKTWI	626x2040	626WOKTWIF
726x2040x40	726WOKTWI	726x2040	726WOKTWIF
826x2040x40	826WOKTWI	826x2040	826WOKTWIF
926x2040x40	926WOKTWI	926x2040	926WOKTWIF

**4 Light**

Size (mm) WxHxD	Clear
610x1981x35	
686x1981x35	23WOKTWISC4+GCF
762x1981x35	26WOKTWISC4+GCF
838x1981x35	29WOKTWISC4+GCF
626x2040x40	
726x2040x40	
826x2040x40	
926x2040x40	

**Walnut**

**Fire Doors**

Size (mm) WxHxD		Size (mm) WxH	FD30 44mm
610x1981x35	20WAL4P	610x1981	20WAL4PF
686x1981x35	23WAL4P	686x1981	23WAL4PF
762x1981x35	26WAL4P	762x1981	26WAL4PF
838x1981x35	29WAL4P	838x1981	29WAL4PF
626x2040x40	626WAL4P	626x2040	626WAL4PF
726x2040x40	726WAL4P	726x2040	726WAL4PF
826x2040x40	826WAL4P	826x2040	826WAL4PF
926x2040x40	926WAL4P	926x2040	926WAL4PF

**4 Light**

Size (mm) WxHxD	Clear
610x1981x35	
686x1981x35	23WAL4PSC4+GCF
762x1981x35	26WAL4PSC4+GCF
838x1981x35	29WAL4PSC4+GCF
626x2040x40	
726x2040x40	
826x2040x40	
926x2040x40	





Silver Ash



Silver Ash  
4 Light Clear



Brown Ash



Brown Ash  
4 Light Clear

### Silver Ash

Size (mm) WxHxD	
610x1981x35	20SASH1P
686x1981x35	23SASH1P
762x1981x35	26SASH1P
838x1981x35	29SASH1P
626x2040x40	626SASH1P
726x2040x40	726SASH1P
826x2040x40	826SASH1P
926x2040x40	926SASH1P

### Fire Doors

Size (mm) WxH	FD30 44mm
610x1981	20SASH1PF
686x1981	23SASH1PF
762x1981	26SASH1PF
838x1981	29SASH1PF
626x2040	626SASH1PF
726x2040	726SASH1PF
826x2040	826SASH1PF
926x2040	926SASH1PF

### 4 Light

Size (mm) WxHxD	Clear
610x1981x35	
686x1981x35	
762x1981x35	26SASH1PSC4+GCF
838x1981x35	29SASH1PSC4+GCF
626x2040x40	
726x2040x40	
826x2040x40	
926x2040x40	

### Brown Ash

Size (mm) WxHxD	
610x1981x35	20BASH1P
686x1981x35	23BASH1P
762x1981x35	26BASH1P
838x1981x35	29BASH1P
626x2040x40	626BASH1P
726x2040x40	726BASH1P
826x2040x40	826BASH1P
926x2040x40	926BASH1P

### Fire Doors

Size (mm) WxH	FD30 44mm
610x1981	20BASH1PF
686x1981	23BASH1PF
762x1981	26BASH1PF
838x1981	29BASH1PF
626x2040	626BASH1PF
726x2040	726BASH1PF
826x2040	826BASH1PF
926x2040	926BASH1PF

### 4 Light

Size (mm) WxHxD	Clear
610x1981x35	
686x1981x35	
762x1981x35	26BASH1PSC4+GCF
838x1981x35	29BASH1PSC4+GCF
626x2040x40	
726x2040x40	
826x2040x40	
926x2040x40	





# TEXTURED

## REAL WOOD VENEER

To conclude the 'Selection' range, the Textured real wood veneer designs have a raised grain finish to give truly contemporary look. Constructed with a lightweight hollow core, with complementary fire and glazed door options







White Oak



White Oak 3 Light Clear



Dark Oak



Dark Oak 3 Light Clear

**White Oak**

Size (mm) WxHxD	
610x1981x35	20WOKTEX
686x1981x35	23WOKTEX
762x1981x35	26WOKTEX
838x1981x35	29WOKTEX
626x2040x40	626WOKTEX
726x2040x40	726WOKTEX
826x2040x40	826WOKTEX
926x2040x40	926WOKTEX

**Fire Doors** 

Size (mm) WxH	FD30 44mm
610x1981	20WOKTEXF
686x1981	23WOKTEXF
762x1981	26WOKTEXF
838x1981	29WOKTEXF
626x2032	626WOKTEXF
726x2040	726WOKTEXF
826x2040	826WOKTEXF
926x2040	926WOKTEXF

**3 Light**

Size (mm) WxHxD	Clear
610x1981x35	
686x1981x35	23WOKTEXSC3+GC
762x1981x35	26WOKTEXSC3+GC
838x1981x35	29WOKTEXSC3+GC
626x2040x40	
726x2040x40	
826x2040x40	
926x2040x40	

**Dark Oak**

Size (mm) WxHxD	
610x1981x35	
686x1981x35	23GOAKTEX
762x1981x35	26GOAKTEX
838x1981x35	29GOAKTEX
626x2040x40	626GOAKTEX
726x2040x40	726GOAKTEX
826x2040x40	826GOAKTEX
926x2040x40	926GOAKTEX

**Fire Doors** 

Size (mm) WxH	FD30 44mm
610x1981	20GOAKTEXF
686x1981	23GOAKTEXF
762x1981	26GOAKTEXF
838x1981	29GOAKTEXF
626x2032	626GOAKTEXF
726x2040	726GOAKTEXF
826x2040	826GOAKTEXF
926x2040	926GOAKTEXF

**3 Light**

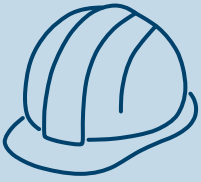
Size (mm) WxHxD	Clear
610x1981x35	
686x1981x35	23GOAKTEXSC3+GC
762x1981x35	26GOAKTEXSC3+GC
838x1981x35	29GOAKTEXSC3+GC
626x2040x40	
726x2040x40	
826x2040x40	
926x2040x40	



# FLUSH TECHNICAL INFORMATION

## CONSTRUCTION

Flush door constructions vary depending on application. Choose from entry level standard core doors, or various fire door options.



### Standard 35mm or 40mm thick

Our standard core is hollow and has one lock block to one side of the door for lock or latch fixing. This product is generally used in domestic situations. The weight is approximately 12kg.

### FD30 Fire 35mm thick

Solid construction 30 minute fire doors to fit existing frames. Ideal for upgrading from standard doors to fire doors and ironmongery can be placed anywhere across the surface of the door. The weight is approximately 32kg.

### FD30 Unframed Fire 44mm thick

Solid construction 30 minute fire doors to fit a standard 44mm rebate frame. Ironmongery can be placed anywhere across the surface of the door. The weight is approximately 35kg.

### FD30 Framed Fire 44mm thick

Solid construction 30 minute fire doors to fit a standard 44mm rebate frame. Ironmongery can be placed anywhere across the surface of the door. The weight is approximately 36kg.

### Tubeboard FD30 Framed Fire 44mm thick

Solid construction 30 minute fire doors to fit a standard 44mm rebate frame. Ironmongery can be placed anywhere across the surface of the door. The weight is approximately 33kg.

## STORAGE

Store doors flat in dry conditions on three equally spaced lever bearers. Plastic wrapping should remain on the door until ready for finishing and installing.



## TRIMMING

Flush doors have a maximum 4mm trim allowance on the two long edges, 6mm on the bottom edge and no trim allowance along the top edge.



Single doors are suitable for rebating to form a pair but the correct rebated pair latch in this instance should be used.

Fire doors should not be trimmed at the top as this provides a unique traceable label. Please refer to our product data sheets available on [jeld-wen.co.uk](http://jeld-wen.co.uk).

Trimming more than the specified allowance will void the product guarantees.

## GLAZING OPTIONS

Our standard and FD30 glazed doors are supplied with clear glass, with the option of wired glass on Paint Grade FD30 fire doors.



## GUARANTEES

We offer a 10 year guarantee against manufacturing defects. JELD-WEN will accept no responsibility for products cut down to size after receipt, of which use or structural strength is impaired following improper fitting of doors or hardware.



## DECORATION

Paint Grade doors are supplied unfinished, Paint Grade Premium doors are primed ready for a final coat of paint. These doors are not suitable for stain.



Real wood veneer doors are supplied fully finished and are ready to hang. You will need to finish door edges if they are trimmed to fit, in which case we recommend either a clear lacquer or varnish.

## DOOR INSTALLATION



### Standard

Standard core doors can be hung on 2 x 76cm (3") hinges unless the weight exceeds 20kg or a large difference in humidity on opposite faces of the door is likely. A bathroom door for example, requires three hinges.

When fitting your door, pay attention to the lock block area. Flush standard core doors have reinforced area to accommodate a latch and handle. It is located approximately 900mm from the bottom of the door, which measures to the centre of the lock block giving 160mm area either side of this measurement. This is marked by the words LOCK printed on the top edge of the door indicating which side. The block is 320mm high and 55mm wide.

We do not recommend the use of either Auger or Speed drill bit as this can result in damage to the door, use appropriate wood drill bits.

### Fire doors

Fire doors are a safety product. Doors need to be installed using the correct hardware including three CE marked, Certifire approved hinges, latch or locks. Other important components are also necessary to make the fire door perform correctly in the event of a fire such as intumescent or smoke seals.

Because all fire doors are manufactured differently, follow the individual instructions that come with each door.

Data sheets are available in the resource centre of our website [jeld-wen.co.uk](http://jeld-wen.co.uk)

## DOOR SIZE CONVERSION

Metric (mm) WxH	Imperial (inches) WxH	Imperial (feet & inches) WxH
457 x 1981	18" x 78"	1'6" x 6'6"
533 x 1981	21" x 78"	1'9" x 6'6"
610 x 1981	24" x 78"	2'0" x 6'6"
686 x 1981	27" x 78"	2'3" x 6'6"
762 x 1981	30" x 78"	2'6" x 6'6"
838 x 1981	33" x 78"	2'9" x 6'6"
864 x 1981	34" x 78"	2'10" x 6'6"
914 x 1981	36" x 78"	3'0" x 6'6"
813 x 2032	32" x 80"	2'8" x 6'8"
526 x 2040	20 1/16" x 80 1/4"	1'8 1/16" x 6'8 1/4"
626 x 2040	24 5/8" x 80 1/4"	2'0 5/8" x 6'8 1/4"
726 x 2040	28 5/8" x 80 1/4"	2'4 5/8" x 6'8 1/4"
826 x 2040	32 1/2" x 80 1/4"	2'8 1/2" x 6'8 1/4"
926 x 2040	36 7/16" x 80 1/4"	3'0 7/16" x 6'8 1/4"

**Note:** Slight marking and differences in shade and pattern are natural characteristics of real wood veneer. You may find colour variations between individual doors.



**Crown cut**  
Veneer, typical of the patterns produced when crown cut.



**Quarter cut**  
Veneers giving a mostly straight grain pattern.

## FIRE DOORS

**Our range of fire resisting flush doors offer an unrivalled choice of types and styles to suit almost every application. Available in a choice of 30 minute options and door thicknesses of 35mm and 44mm.**

We offer 35mm 30 minute Paint Grade fire doors that can be used in existing frames and linings, So there's no need to remove the existing frame, saving you unnecessary disruption and time spent on installation.

JELD-WEN fire doors are designed to comply with Approved Document B. When specifying doors and hardware you must consider the implications of Approved Document M. For specific guidance contact your local Building Control office.

All JELD-WEN fire doors and doorsets are manufactured under the BWF-Certifire scheme, and have a unique identification number which can be traced back to date of manufacture. This is printed on the label which is placed on the top edge of the door, and it should never be removed as it is there for traceability.



Fire door specifications cover a range of fire ratings. Under the BWF-Certifire scheme, all doors need to include intumescent strips between door and frame gaps on the top and sides, to give the assurance of reliability in the event of a fire. For FD20 situations, we specify using FD30 door, lining and intumescent assemblies, common to FD30 installation.

These products are designed to protect lives: this is the minimum rating for JELD-WEN fire resisting doors.

CE marked Certifire approved hardware and intumescent strips should be installed correctly.

Always refer to the individual fitting instructions that come with each door.

FD30 fire rated doors will provide up to 30 minutes fire resistance when fitted in appropriate frame with intumescent strips in jambs and head or top and long edges of door in accordance with the instructions and certification data sheet.



# TIMBER FEATURE RANGE

A striking range of white oak timber and white primed interior doors available in popular designs and sizes. Choose American white oak veneer to enhance the living space and help reduce sound transmission with these solid constructed doors or choose white Primed for a heavyweight feel and contemporary finish. Both are unfinished for site decoration.



Shaker Recessed Cottage Panel

WHITE OAK



**OREGON** 4 Panel  
**OREGON** 10 Light Clear  
**OREGON** 15 Light Clear  
**OREGON** 2 light Mackintosh  
**OREGON** 2 Light Clear  
**OREGON** Cottage  
**OREGON** Cottage Etch  
**OREGON** 4 Panel Bi-fold  
**OREGON** Cottage Bi-fold



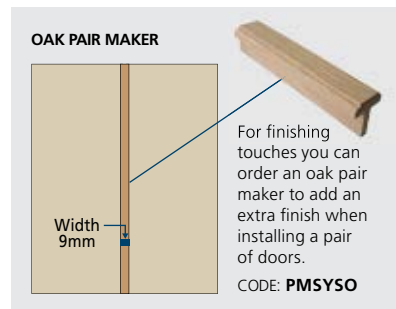
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**COTTAGE** 3 Light Clear Horizontal  
**ASTON**  
**ASTON** 3 Light Clear/Obscure  
**WORCESTER**  
**WORCESTER** 3 Light Clear  
**SHAKER** 1 Panel  
**SHAKER** 4 Panel  
**SHAKER** Recessed Cottage



**SHAKER** 1 Light Clear/Obscure  
**SHAKER** 4 Light Clear  
**SHAKER** 4 Light Mackintosh



**WHITE OAK ROOM FOLD**



PRIMED



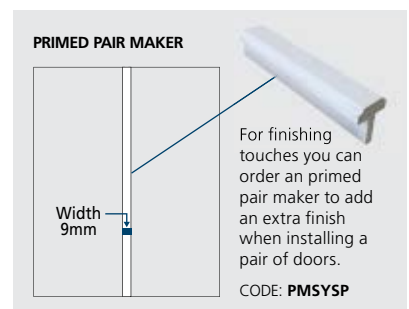
**SHAKER** 1 Panel  
**SHAKER** 4 Panel  
**SHAKER** 1 Light Obscure  
**SHAKER** 4 Light Clear  
**SHAKER** 10 Light Clear  
**SHAKER** 15 Light Clear  
**ASTON**  
**ASTON** 3 Light Clear



**COTTAGE**  
**COTTAGE** Vertical Etch  
**WORCESTER**  
**WORCESTER** 3 Light Clear



**PRIMED ROOM FOLD**



# OREGON

## WHITE OAK

The Oregon white oak range is a heavyweight door in a range of styles. Go traditional with raised and fielded panels, or pick a country cottage detail or well defined vertical panels for the ultimate in sophistication. Glazing detail complements the range along with fire doors to finish the project.







4 Panel      10 Light Clear      15 Light Clear      2 Light Mackintosh      2 Light Clear      Cottage      Cottage Etch

**4 Panel**

Size (mm) WxHxD		Fire Doors  FD30 35mm      FD30 44mm		
533x1981x35	19WOAK4F			
610x1981x35	20WOAK4F			
686x1981x35	23WOAK4F	686x1981	23WOAK435F	23WOAK4FF
762x1981x35	26WOAK4F	762x1981	26WOAK435F	26WOAK4FF
838x1981x35	29WOAK4F	838x1981	29WOAK435F	29WOAK4FF
813x2032x35	28WOAK4F			
626x2040x40	626WOAK4F	626x2040		626WOAK4FF
726x2040x40	726WOAK4F	726x2040		726WOAK4FF
826x2040x40	826WOAK4F	826x2040		826WOAK4FF

10 Light		15 Light		2 Light		2 Light Clear		Fire Doors  2 Light	
Clear		Clear		Mackintosh		Clear		Clear FD30 44mm	
610x1981x35	20WOAK10+GCF	20WOAK15+GCF						686x1981	23OAK4FF+FGC
686x1981x35	23WOAK10+GCF	23WOAK15+GCF	23IMACK2L	23OAK4F+BGC	686x1981			762x1981	26OAK4FF+FGC
762x1981x35	26WOAK10+GCF	26WOAK15+GCF	26IMACK2L	26OAK4F+BGC	762x1981			838x1981	29OAK4FF+FGC
838x1981x35	29WOAK10+GCF	29WOAK15+GCF	29IMACK2L	29OAK4F+BGC	838x1981				
726x2040x40		726WOAK15+GCF		726OAK4F+BGC					
826x2040x40		826WOAK15+GCF		826OAK4F+BGC					

**Cottage**

Size (mm) WxHxD		Fire Doors  FD30 35mm      FD30 44mm		
533x1981x35	19WOAKFL			
610x1981x35	20WOAKFL			
686x1981x35	23WOAKFL	686x1981	23WOAKFL35F	23WOAKFLF
762x1981x35	26WOAKFL	762x1981	26WOAKFL35F	26WOAKFLF
838x1981x35	29WOAKFL	838x1981	29WOAKFL35F	29WOAKFLF
813x2032x35	28WOAKFL			
626x2040x40	626WOAKFL	626x2040		626WOAKFLF
726x2040x40	726WOAKFL	726x2040		726WOAKFLF
826x2040x40	826WOAKFL	826x2040		826WOAKFLF

**Cottage Etch**

Size (mm) WxHxD	
533x1981x35	
610x1981x35	
686x1981x35	23WOAKFL+GE
762x1981x35	26WOAKFL+GE
838x1981x35	29WOAKFL+GE
813x2032x35	
626x2040x40	
726x2040x40	
826x2040x40	



4 Panel Bi-fold



Cottage Bi-fold

**4 Panel Bi-fold**

Size (mm) WxHxD	
686x1981x35	20WOAK4FBI
762x1981x35	26WOAK4FBI

**Cottage Bi-fold**

Size (mm) WxHxD	
610x1981x35	20WOAKFLBI
762x1981x35	26WOAKFLBI

Bi-fold doors are manufactured undersize to fit sizes above.





Cottage Horizontal



Cottage Horizontal  
3 Light Clear



Aston



Aston 3 Light  
Clear/Obscure



Worcester



Worcester  
3 Light Clear

### Cottage Horizontal

Size (mm) WxHxD	Code
610x1981x35	20OAKHFL
686x1981x35	23OAKHFL
762x1981x35	26OAKHFL
838x1981x35	29OAKHFL
726x2040x40	726OAKHFL
826x2040x40	826OAKHFL

### Fire Doors

Size (mm) WxH	FD30 44mm
686x1981	23OAKHFLF
762x1981	26OAKHFLF
838x1981	29OAKHFLF
726x2040	726OAKHFLF
826x2040	826OAKHFLF

### Cottage Horizontal 3 Light

Size (mm) WxHxD	Clear
610x1981x35	20OAKHFL+GCF
686x1981x35	23OAKHFL+GCF
762x1981x35	26OAKHFL+GCF
838x1981x35	29OAKHFL+GCF
726x2040x40	
826x2040x40	

### Aston

Size (mm) WxHxD	Code
610x1981x35	20WOAKAST
686x1981x35	23WOAKAST
762x1981x35	26WOAKAST
838x1981x35	29WOAKAST
726x2040x40	726WOAKAST
826x2040x40	826WOAKAST

### Fire Doors

Size (mm) WxH	FD30 44mm
686x1981	23WOAKASTF
762x1981	26WOAKASTF
838x1981	29WOAKASTF
726x2040	726WOAKASTF
826x2040	826WOAKASTF

### Aston 3 Light

Size (mm) WxHxD	Clear	Obscure
610x1981x35	20WOAKAST+GC	
686x1981x35	23WOAKAST+GC	23WOAKAST+GO
762x1981x35	26WOAKAST+GC	26WOAKAST+GO
838x1981x35	29WOAKAST+GC	29WOAKAST+GO
726x2040x40		
826x2040x40		

### Worcester

Size (mm) WxHxD	Code
610x1981x35	20WORC
686x1981x35	23WORC
762x1981x35	26WORC
838x1981x35	29WORC
726x2040x40	726WORC
826x2040x40	826WORC

### Fire Doors

Size (mm) WxH	FD30 44mm
686x1981	23WORCF
762x1981	26WORCF
838x1981	29WORCF
726x2040	726WORCF
826x2040	826WORCF

### Worcester 3 Light

Size (mm) WxHxD	Clear
610x1981x35	20WORC+GCF
686x1981x35	23WORC+GCF
762x1981x35	26WORC+GCF
838x1981x35	29WORC+GCF
726x2040x40	726WORC+GCF
826x2040x40	826WORC+GCF







# SHAKER

## WHITE OAK

Timeless beauty and the robustness of the white oak Shaker range offer a distinctive look with its 1 or 4 panel and glazed options for the ultimate in modern living. Unfinished for your choice of decoration and fire door options open up the potential of this range.





1 Panel



4 Panel



Recessed Cottage




1 Light Clear/Obscure



4 Light Clear



4 Light Mackintosh

1 Panel			4 Panel			Fire Doors 	
Size (mm) WxHxD			Recessed Cottage			4 Panel	
						FD30 44mm	
610x1981x35	20WOAKSHAK1		20WOAKSHAK4			686x1981	23WOAKSHAK4F
686x1981x35	23WOAKSHAK1		23WOAKSHAK4			762x1981	26WOAKSHAK4F
762x1981x35	26WOAKSHAK1		26WOAKSHAK4			838x1981	29WOAKSHAK4F
838x1981x35	29WOAKSHAK1		29WOAKSHAK4			813x2032	
813x2032x35	28WOAKSHAK1		28WOAKSHAK4			726x2040	726WOAKSHAK4F
726x2040x40	726WOAKSHAK1		726WOAKSHAK4			826x2040	826WOAKSHAK4F
826x2040x40	826WOAKSHAK1		826WOAKSHAK4				



Size (mm) WxHxD	1 Light		4 Light		4 Light	
	Clear	Obscure	Clear	Mackintosh		
610x1981x35	20WOAKSHAK1+GCF	20WOAKSHAK1+GOF	20WOAKSHAK4+GCF			
686x1981x35	23WOAKSHAK1+GCF	23WOAKSHAK1+GOF	23WOAKSHAK4+GCF	23IMACK4L		
762x1981x35	26WOAKSHAK1+GCF	26WOAKSHAK1+GOF	26WOAKSHAK4+GCF	26IMACK4L		
838x1981x35	29WOAKSHAK1+GCF	29WOAKSHAK1+GOF	29WOAKSHAK4+GCF	29IMACK4L		
726x2040x40			726WOAKSHAK4+GC			
826x2040x40			826WOAKSHAK4+GC			



# WHITE OAK ROOM FOLD

## FOLDING SLIDING DOORS

A stylish, high quality folding door system available in a range of popular designs and sizes that provides the option of turning two rooms into one. Top hung hardware allows for uninterrupted flooring throughout and is supplied ready for installation and finishing.



- Top hung with no bottom track enabling quick installation and uninterrupted flooring from room to room
- Choice of configuration options to suit usage requirements – full slide to take the door all the way to one side, or single door access options available for every day use
- Reversible doors for hanging to the left or right to requirements
- High quality brushed stainless steel hardware
- Choice of 610mm and 686mm door widths to suit different frame opening widths – doors supplied equal sizes

- Supplied ready for installation with; chosen 35mm thick oak doors, oak frame pack, metal top track, hardware pack including runners, hinge packs and flush bolts. Handles are not supplied for the closing door(s) but will be required
- Oak doors and frame supplied unfinished for site decoration to requirements with suitable paint
- Frame head and track trimming is required for certain configurations – please refer to fitting instructions, available to download from [jeld-wen.co.uk](http://jeld-wen.co.uk).





3+1

**1 Light Clear**

Configuration	Frame Size (mm) WxH	
2+0	1319 x 2047	RF132+0OK1GC
2+0	1471 x 2047	RF142+0OK1GC
3+0	1929 x 2047	RF193+0OK1GC
3+0	2157 x 2047	RF213+0OK1GC
3+1	2545 x 2047	RF253+1OK1GC
3+1	2849 x 2047	RF283+1OK1GC
4+0	2545 x 2047	RF254+0OK1GC
4+0	2849 x 2047	RF284+0OK1GC



3+0

**1 Light Obscure**

Configuration	Frame Size (mm) WxH	
2+0	1319 x 2047	RF132+0OK1GO
2+0	1471 x 2047	RF142+0OK1GO
3+0	1929 x 2047	RF193+0OK1GO
3+0	2157 x 2047	RF213+0OK1GO
3+1	2545 x 2047	RF253+1OK1GO
3+1	2849 x 2047	RF283+1OK1GO
4+0	2545 x 2047	RF254+0OK1GO
4+0	2849 x 2047	RF284+0OK1GO



3+1

**4 Light Clear**

Configuration	Frame Size (mm) WxH	
2+0	1319 x 2047	RF132+0OK4GC
2+0	1471 x 2047	RF142+0OK4GC
3+0	1929 x 2047	RF193+0OK4GC
3+0	2157 x 2047	RF213+0OK4GC
3+1	2545 x 2047	RF253+1OK4GC
3+1	2849 x 2047	RF283+1OK4GC
4+0	2545 x 2047	RF254+0OK4GC
4+0	2849 x 2047	RF284+0OK4GC

**DOOR CONFIGURATIONS**



2+0



2 doors slide either to the left or to the right.



3+0



3 doors slide either to the left or to the right with 1 door hinged that opens independent to the others.



3+1



3 doors slide either to the left or to the right with 1 door hinged that opens independent to the others & 1 door hinged to the opposite side that also opens independent to the others.



4+0



4 doors slide either to the left or to the right.

# SHAKER

## PRIMED

A superior range of primed internal feature doors with clean and minimal defined panels. These stylish, heavyweight doors can enhance both modern and traditional interiors. Double coat primed for site decoration meaning they can be painted any colour. Glazing options can suite the look throughout the living space.



1 Panel

4 Panel

1 Light Obscure

4 Light Clear

10 Light Clear

15 Light Clear

	1 Panel	4 Panel
Size (mm) WxHxD	20PSHAK1P	20PSHAK4P
610x1981x35	23PSHAK1P	23PSHAK4P
686x1981x35	26PSHAK1P	26PSHAK4P
762x1981x35	29PSHAK1P	29PSHAK4P
838x1981x35		

	1 Light Obscure	4 Light Clear	10 Light Clear	15 Light Clear
Size (mm) WxHxD	20PSHAK1+GOF	20PSHAK4+GCF	20PR10G	20PR15G
610x1981x35	23PSHAK1+GOF	23PSHAK4+GCF	23PR10G	23PR15G
686x1981x35	26PSHAK1+GOF	26PSHAK4+GCF	26PR10G	26PR15G
762x1981x35	29PSHAK1+GOF	29PSHAK4+GCF	29PR10G	29PR15G
838x1981x35				

# ASTON, COTTAGE & WORCESTER

PRIMED

With their clean and contemporary panel designs, this collection of primed door designs offer a stylish solution for both modern and traditional interiors. Supplied double coat primed ready for site decoration in a final top coat of choice.



Aston

Aston  
3 Light Clear

Cottage

Cottage  
Vertical Etch

Worcester

Worcester  
3 Light Clear

Size (mm) WxHxD	Aston	3 Light Clear	Cottage	Vertical Etch	Worcester	3 Light Clear
610x1981x35	20WASTN3P		20PRIFL		20PRIWORC	
686x1981x35	23WASTN3P	23WASTN3P+GC	23PRIFL	23PRIFL+GE	23PRIWORC	23PRIWORC+GCF
762x1981x35	26WASTN3P	26WASTN3P+GC	26PRIFL	26PRIFL+GE	26PRIWORC	26PRIWORC+GCF
838x1981x35	29WASTN3P	29WASTN3P+GC	29PRIFL	29PRIFL+GE	29PRIWORC	29PRIWORC+GCF





# PRIMED ROOM FOLD

## FOLDING SLIDING DOORS

A stylish, high quality folding door system available in a range of designs and sizes that provides the option of turning two rooms into one. Top hung hardware allows for uninterrupted flooring throughout and is supplied ready for installation and finishing.



- Top hung with no bottom track enabling quick installation and uninterrupted flooring from room to room
- Choice of configuration options to suit usage requirements – full slide to take the door all the way to one side, or single door access options available for every day use
- Reversible doors for hanging to the left or right to requirements
- High quality brushed stainless steel hardware
- Choice of 610mm and 686mm door widths to suit different frame opening widths – doors supplied equal sizes
- Supplied ready for installation with; chosen 35mm thick primed doors, primed frame pack, metal top track, hardware pack including runners, hinge packs and flush bolts. Handles are not supplied for the closing door(s) but will be required
- Primed doors and frame supplied unfinished for site decoration to requirements with a suitable paint
- Frame head and track trimming is required for certain configurations – please refer to fitting instructions, available to download from [jeld-wen.co.uk](http://jeld-wen.co.uk).



4+0

**1 Light Obscure**

Configuration	Frame Size (mm) WxH	
2+0	1319 x 2047	RF132+OPR1GO
2+0	1471 x 2047	RF142+OPR1GO
3+0	1929 x 2047	RF193+OPR1GO
3+0	2157 x 2047	RF213+OPR1GO
3+1	2545 x 2047	RF253+1PR1GO
3+1	2849 x 2047	RF283+1PR1GO
4+0	2545 x 2047	RF254+OPR1GO
4+0	2849 x 2047	RF284+OPR1GO



3+0

**4 Light Clear**

Configuration	Frame Size (mm) WxH	
2+0	1319 x 2047	RF132+OPR4GC
2+0	1471 x 2047	RF142+OPR1GO
3+0	1929 x 2047	RF193+OPR1GO
3+0	2157 x 2047	RF213+OPR1GO
3+1	2545 x 2047	RF253+1PR1GO
3+1	2849 x 2047	RF283+1PR1GO
4+0	2545 x 2047	RF254+OPR1GO
4+0	2849 x 2047	RF284+OPR4GC

**DOOR CONFIGURATIONS**



2+0



2 doors slide either to the left or to the right.



3+0



3 doors slide either to the left or to the right with 1 door hinged that opens independent to the others.



3+1



3 doors slide either to the left or to the right with 1 door hinged that opens independent to the others & 1 door hinged to the opposite side that also opens independent to the others.



4+0

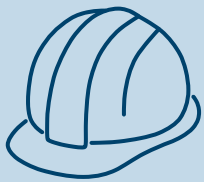


4 doors slide either to the left or to the right.

# TIMBER FEATURE TECHNICAL INFORMATION

## CONSTRUCTION

Our range of timber feature doors are of solid construction, helping to reduce sound transmission between rooms. Fire door options are also available.



### Standard 35mm or 40mm thick

Made using a solid core that gives a door a substantial feel and helps reduce sound transmission from one room to another. You can also fix ironmongery anywhere across the surface of the door. The weight is approximately 30kg.

### FD30 Fire 44mm thick

Solid construction 30 minute fire doors to fit a standard 44mm rebate frame. Ironmongery can be placed anywhere across the surface of the door. The weight is approximately 42kg.

## STORAGE

Store doors flat in dry conditions on three equally spaced lever bearers. Plastic wrapping should remain on the door until ready for finishing and installing.



## TRIMMING

Timber feature doors have a maximum 5mm trim allowance on all four edges.



Single doors are suitable for rebating to form a pair but the correct rebated pair latch in this instance should be used.

Fire doors should not be trimmed at the top as this provides a unique traceable label. Please refer to our product data sheets available on [jeld-wen.co.uk](http://jeld-wen.co.uk).

Trimming more than the specified allowance will void the product guarantees.

## DECORATION

White oak doors are supplied unfinished, ready for finishing with clear lacquer, stain, varnish or paint.



Primed doors are double coat primed ready for a final top coat of paint in any colour.

## GUARANTEES

We offer a 5 year guarantee against manufacturing defects. JELD-WEN will accept no responsibility for products cut down to size after receipt, of which use or structural strength is impaired following improper fitting of doors or hardware.



## GLAZING OPTIONS

Glazed doors come with 4mm toughened glazing, including a paint and peel film on white oak doors for ease of finishing.





## DOOR INSTALLATION

### Standard

Doors should be hung on 3 x 76mm (3") hinges and because they are of a solid construction, hardware can be placed anywhere on the face of the door.



We do not recommend the use of either Auger or Speed drill bit as this can result in damage to the door, use appropriate wood drill bits.

### Fire doors

Fire doors are a safety product. Doors need to be installed using the correct hardware including three CE marked, Certifire approved hinges, latch or locks. Other important components are also necessary to make the fire door perform correctly in the event of a fire such as intumescent or smoke seals.

Because all fire doors are manufactured differently, follow the individual instructions that come with each door.

Data sheets are available in the resource centre of our website [jeld-wen.co.uk](http://jeld-wen.co.uk)

## DOOR SIZE CONVERSION

Metric (mm) WxH	Imperial (inches) WxH	Imperial (feet & inches) WxH
457 x 1981	18" x 78"	1'6" x 6'6"
533 x 1981	21" x 78"	1'9" x 6'6"
610 x 1981	24" x 78"	2'0" x 6'6"
686 x 1981	27" x 78"	2'3" x 6'6"
762 x 1981	30" x 78"	2'6" x 6'6"
838 x 1981	33" x 78"	2'9" x 6'6"
864 x 1981	34" x 78"	2'10" x 6'6"
914 x 1981	36" x 78"	3'0" x 6'6"
813 x 2032	32" x 80"	2'8" x 6'8"
526 x 2040	20 1/16" x 80 1/4"	1'8 1/16" x 6'8 1/4"
626 x 2040	24 5/8" x 80 1/4"	2'0 5/8" x 6'8 1/4"
726 x 2040	28 5/8" x 80 1/4"	2'4 5/8" x 6'8 1/4"
826 x 2040	32 1/2" x 80 1/4"	2'8 1/2" x 6'8 1/4"
926 x 2040	36 7/16" x 80 1/4"	3'0 7/16" x 6'8 1/4"

## FIRE DOORS

**Our range of fire resisting timber feature doors offer an unrivalled choice of types and styles to suit almost every application. Fire doors available as 30 minute options and door thicknesses of 35mm and 44mm.**

We offer 35mm 30 minute timber feature fire doors that can be used in existing frames and linings, So there's no need to remove the existing frame, saving you unnecessary disruption and time spent on installation.

JELD-WEN fire doors are designed to comply with Approved Document B. When specifying doors and hardware you must consider the implications of Approved Document M. For specific guidance contact your local Building Control office.

All JELD-WEN fire doors and doorsets are manufactured under the BWF-Certifire scheme, and have a unique identification number which can be traced back to date of manufacture. This is printed on the label which is placed on the top edge of the door, and it should never be removed as it is there for traceability.



Fire door specifications cover a range of fire ratings. Under the BWF-Certifire scheme, all doors need to include intumescent strips between door and frame gaps on the top and sides, to give the assurance of reliability in the event of a fire. For FD20 situations, we specify using FD30 door, lining and intumescent assemblies, common to FD30 installation.

These products are designed to protect lives: this is the minimum rating for JELD-WEN fire resisting doors.

CE marked Certifire approved hardware and intumescent strips should be installed correctly.

Always refer to the individual fitting instructions that come with each door.

FD30 fire rated doors will provide up to 30 minutes fire resistance when fitted in appropriate frame with intumescent strips in jambs and head or top and long edges of door in accordance with the instructions and certification data sheet.





CAMBER  
Contemporary Stairs

# STAIRS



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# CHOOSING STAIRS

A staircase is often the first thing visitors see when entering a property, so why not make it a show stopper, as well as a structural feature? Whether you're undertaking a new build or refurbishment project, our wide staircase range is guaranteed to meet your needs.

JELD-WEN offers a complete solution for residential staircases, plus we can supply communal stairs for flats or multi-occupancy buildings, with a range that is proven to meet the most exacting performance standards including fire protected timber stairs.

If you want an ultra-modern look, add a touch of metal or glass from our Contemporary range, or invest in the Prestige oak and redwood range for a grand entrance. We also have great value style flights in our Traditional range that you can order in primed softwood, hemlock and redwood finishes.



CONTEMPORARY



## CHOICE

Offering unrivalled luxury and durability, our staircases epitomise English craftsmanship and bespoke designs that can be given a traditional finish or contemporary twist with a variety of materials, component styles and finishes. To view the full range of component codes and dimensions visit [jeld-wen.co.uk](http://jeld-wen.co.uk).

We also offer a protection option on our standard MDF treads and risers to make the post-construction clean up painless. This easy peel film prevents damage to the staircase whilst under construction, simply score and peel away once work is complete.



## SPECIFICATION

JELD-WEN staircases are manufactured and assembled in the UK using high quality, engineered timber for added strength and stability. With a uniform grain, this enables paint and stains to be applied smoothly to achieve the highest quality finish.

To help save valuable time and resources, our primed components are supplied with a factory applied three-coat primed finish, so all you need to do is add the final layer of top coat to your staircase once installed.



## MADE TO MEASURE SERVICE

Our made to measure staircases are available in almost any size or specification, with the ability to mix and mix materials to create a truly unique look to a project.

We offer a free measuring service with every order, where our fully trained stair technicians provide specialist advice and support. We take full responsibility for the measurements, so you can rest assured your stair order will be made to fit.



PRESTIGE



### CERTIFICATION

A sub-standard staircase can prove costly and set your project back weeks or months. All JELD-WEN stairs are independently assessed by the British Woodworking Federation (BWF) to guarantee they meet Building Regulations and the highest safety standards. A record of all products bearing the BWF badge is kept for 10 years and is your assurance of compliance.



We also offer a 10 year manufacturing guarantee on all staircases for added peace of mind.



TRADITIONAL



STRAIGHT STOCK FLIGHT



Certificated Fire Protected Common Stair



Accredited Domestic Stair



Accredited Common Flight



BWF Accredited and Certificated Staircases



# CONTEMPORARY RANGE

Out with the old, in with the new. Think modern. Our Contemporary staircases fit perfectly into a funky new build and can provide a total transformation for a dark Victorian hallway.

Contemporary stair parts come in all shapes and sizes in a variety of finishes to help you create stairs that capture the style and personality of the people who live there.

Connect the solid smooth lines of oak with a dash of metal from our Liskeard range to create a modern but classy look. For a clear unobstructed effect, add a touch of glass from our Accendo range to give the illusion of lots more space.

The Barbican oak staircase, features sturdy oak spindles and newels with a beautiful routed design that will complement the most beautiful hallway. Also in oak is the Camber range which offers classic symmetry but in a modern spiral design.

For something completely different have a look at the Casa staircase, a new take on the traditional hacienda Spanish style with beautiful hardwearing black iron spindles.

Whatever you are looking for, we have something to suit all tastes and budgets.



Oak

White Primed



Ashford



Casa



Camber



Liskeard





Barbican



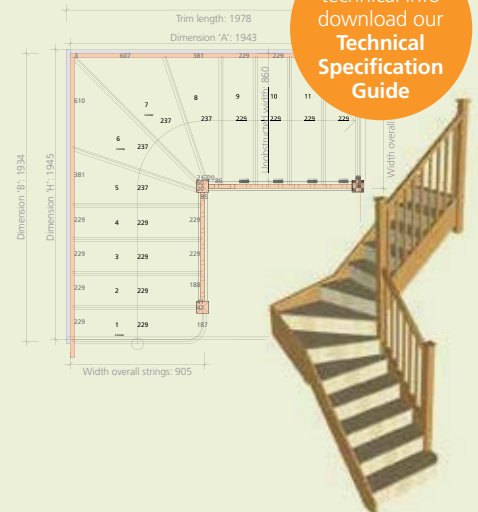
Accendo

### STAIR LAYOUTS

JELD-WEN manufactures all staircases to order in almost any design, size or specification.

Our specialist stairs team is always on hand to offer help and advice on any aspect of design, construction or Building Regulations. You can contact them on **0845 122 2894**.

To view a quick guide price for some of our most popular stair layouts visit [jeld-wen.co.uk/stairs](http://jeld-wen.co.uk/stairs)



For more technical info download our **Technical Specification Guide**

# LISKEARD

The Liskeard range combines the beautiful grain and texture of oak components together with sleek metal spindles and finishing details to produce a stand out staircase.



Newel Cap



Newel



Spindle



Rails  
Handrail, Baserail



# ACCENDO

The Accendo contemporary stair range is beautifully engineered to bring together oak with a touch of glass. Creating a seamless open plan feel by adding light and depth of space into the modern home.

CONTEMPORARY



**Glass Panel**



**Newels**  
Square, Turned



**Newel Caps**  
Pyramid, Square, Ball, Acorn, Mushroom



**Rails**  
Handrail, Baserail



# ASHFORD

Nothing says traditional quality quite like our Ashford range. With a choice of white oak and primed components to provide simple elegance and quality.



**Handrail**  
Traditional



**Newel Cap**  
Square



**Newels**  
Square



**Spindles**  
Ashford

# BARBICAN

The Barbican range oozes quality and grandeur with chunky white oak newels combined with fluted detailing.



**Handrail**  
Traditional



**Newel Cap**  
Pyramid



**Newel**  
Fluted



**Spindle**  
Fluted

# CAMBER

A slender and beautiful white oak range that brings a contemporary touch of style to any property.



## CONTEMPORARY



**Newel Caps**

Pyramid, Square



**Newel**  
Square



**Spindle**  
Camber

# CASA

A sleek and minimalistic design, with Spanish hacienda style iron spindles and white oak components to set a project apart from the rest.



**Newel Caps**

Pyramid, Square



**Newels**

Square, Chamfered



**Spindle**  
Iron



**Rails**

Handrail, Baserail



# TRADITIONAL RANGE

Past meets present. At JELD-WEN our tradition of superb craftsmanship combined with modern day technology allows us to create staircases of fashion and quality.

If it's the past you hanker for then take a look at our elegantly designed colonial hemlock and colonial primed staircases. Whether it's traditional or fluted we've got plenty of designs to choose from.

Whether you live in a Georgian mansion or a trendy town house, you'll be spoilt for choice!

Choose the Traditional range for a touch of ageless beauty and why not mix and match different materials to create a staircase with an additional wow factor.



Hemlock

White Primed

Redwood

Oak



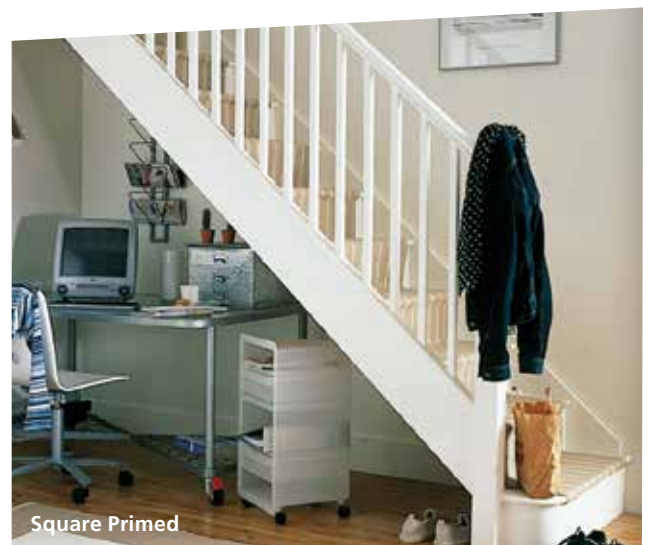
Colonial Primed



Acorn Cap



Colonial Primed



Square Primed





Chamfered Primed



Colonial Primed

## STAIR LAYOUTS

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# HEMLOCK

Hemlock is a conifer belonging to the pine family. The timbers we select are free from knots with a uniform grain and suitable to take a variety of stain finishes.



## Spindles

Square, Chamfered, Colonial, Traditional, Fluted, Provincial, Georgian



## Newels

Square, Turned

## Handrail

Traditional



## Newel Caps

Ball, Acorn, Mushroom, Square



# WHITE PRIMED

The most time consuming part of fitting a staircase is the painting. Our solution is to offer pre-primed components that save time and help you deliver your project on time and within budget.



TRADITIONAL



## Spindles

Square, Chamfered, Colonial, Georgian



## Newels

Square, Chamfered, Turned



## Handrail

Traditional



## Newel Caps

Ball, Acorn, Mushroom, Square



# REDWOOD

Our range of redwood stair parts introduces rich colours which can be highlighted by a polished finish making an unmistakable statement of elegance and quality.



## Spindles

Square, Chamfered, Colonial, Traditional, Fluted, Provincial, Barley Twist, Georgian



## Newels

Square, Chamfered, Turned

## Handrail

Traditional



## Newel Caps

Ball, Acorn, Mushroom, Square

# WHITE OAK

This hardwood offers strength and durability with a beautiful grain and texture. Oak truly reflects the traditional and historical qualities of English craftsmanship.



## TRADITIONAL



### Spindles

Square, Chamfered, Colonial, Traditional, Fluted, Provincial, Barley Twist, Georgian



### Newels

Square, Chamfered, Turned

### Handrail

Traditional



### Newel Caps

Ball, Acorn, Mushroom, Square Pyramid, Square

# PRESTIGE RANGE

With over a century of experience at crafting stairs we know how important first impressions are. With a classic design, chunky components and the use of the finest timbers, our Prestige range will create a grand entrance to any property.

Available to order in a choice of White Oak or Redwood components, both ranges fit in perfectly with classic or modern décor. Whatever you choose, if you're looking to impress, the Prestige range of staircases will certainly get you noticed.

With our passion for attention to detail we've created a range of spindles for you to choose from. Thick or thin, curvy or straight, our turned barley twist or square oak are just some of the options you can choose from.

With so much choice and advice from our specialist team, we'll help you to create a staircase that adds style to any property.



Oak

Redwood

## WHITE OAK

This hardwood offers strength and durability with a beautiful grain and texture. White Oak truly reflects the traditional and historical qualities of English craftsmanship.



**Spindles**

Turned, Barley Twist, Fluted

**Newels**

Turned, Barley Twist, Fluted

**Handrail**

Prestige Cap



White Oak, Turned



White Oak





### REDWOOD

For a more colourful impact, the earthy glow of our redwood finished stairs will add a touch of real warmth. Our range of redwood stair parts introduces rich colours which can be highlighted by a polished finish making an unmistakable statement of elegance and quality.



#### Spindles

Turned, Barley Twist, Fluted

#### Newels

Turned, Barley Twist, Fluted



#### Newel Cap

Prestige



#### Handrail

Prestige



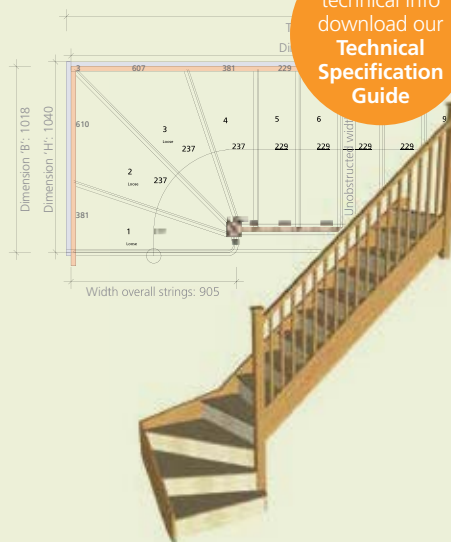
Redwood

### STAIR LAYOUTS

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To view a quick guide price for some of our most popular stair layouts visit [jeld-wen.co.uk/stairs](http://jeld-wen.co.uk/stairs)



# STRAIGHT STOCK FLIGHTS

For those projects with time and budget constraints, and where made to measure stairs are not a necessity, JELD-WEN offers straight stock flights that are available on express delivery.

Our specialist stairs team is always on hand to offer help and advice on any aspect of design, construction or Approved Document K of the Building Regulations. You can contact them on **0845 122 2894**.

## Size Specifications

Stair Code	Whitewood/Composite Strings & Treads	Total Rise	Total Going	Width over string	Individual Rise	Individual Go
Stair WM	✓	2600mm	2676mm	855mm	200mm	223mm
Stair WMSC	✓	2600mm	2700mm	905mm	200mm	225mm
Stair W85	✓	2574mm	2676mm	855mm	198mm	223mm
Stair W88	✓	2639mm	2712mm	855mm	203mm	226mm



# BALUSTRADE OPTIONS

## PRE-ASSEMBLED BALUSTRADE

At JELD-WEN we understand what it's like to work to a budget that's why we like to save our customers time and money by providing a pre-assembled balustrade. It's quick and easy to install. All of the balustrade components arrive fully assembled so there is no time consuming sawing and cutting required by your joiner. Talk to your stair technician or contact a JELD-WEN sales specialist to find out more.



## DEMOUNTABLE BALUSTRADE

You really wanted that big wardrobe to accommodate all those shoes, but how do you get it up the stairs and round the corner to the bedroom? We don't all have wide staircases, many of us live in town houses or older properties that have curves and corner. Super king size beds and fashionista style wardrobes remain but a dream. At JELD-WEN we like to make dreams come true, which is why we've created the demountable balustrade. When your furniture arrives, unclip the balustrade, remove and you have clear space to accommodate items of all shapes and sizes.



Demountable balustrade unclipped and removed



**Landing**  
Simply fix the bracket into the rebate machined in the newel.



**Raking**  
Fix the bolt through the newel into the insert in the end of the handrail.



1 The balustrade fully assembled.



2 Unscrew and remove the bolt holding the handrail and keep safely.



3 Unscrew the floor rail.



4 Once all the fittings have been removed, the section of assembled balustrade is simply lifted off.

**Important:** The demountable balustrade is a temporary measure. You should ensure that the stairwells are adequately protected at all times to prevent accidents occurring.



# STAIRS TECHNICAL INFORMATION

## STAIR TERMINOLOGY

**Apron Lining** – moulded fascia material used to cloak the side view for a cleaner look.

**Baluster** – also called a spindle. The vertical piece between the handrail and the base rail, or tread if cut-string.

**Balustrade** – the name for the complete assembled run of handrail/base rail/newels/spindles etc.

**Bullnose** – refers to the shape of the step, usually the bottom step and can have one or both ends of the step with a rounded end.

**Closed string** – the face of the string is housed/trenched to accommodate the treads and risers so their profile is not visible.

**Continuous handrail** - where the lengths of handrail are connected to the fittings and flows over the tops of the newels to make a continuous run.

**Curtail step** – a semi-circular shaped protruding step chosen for added decoration or to support a volute handrail and newel.

**Going** – this is the horizontal distance between the face of the first and last riser. The individual going of a step is measured from face of riser to face of riser or nosing to nosing and should be a minimum of 220mm for domestic flights.

**Newel** – this is the upright supporting piece that anchors the strings, handrails and treads of the staircase.

**Nosing** – the edge of the tread which projects over the face of the riser and the face of a cut string.

**Pitch** – the angle between the pitch line and the horizontal.

**Pitchline** - the notional line connecting the nosings of all the treads in the flight.

**Rake** – the pitch of the stairs.

**Rise** – this is the vertical distance between the floors or landings connected by the flight. The individual rise is the vertical measurement from top of tread to top of next tread.

**Riser** – the vertical board that forms the face of the step.

**Stairwell** – the space that accommodates the staircase.

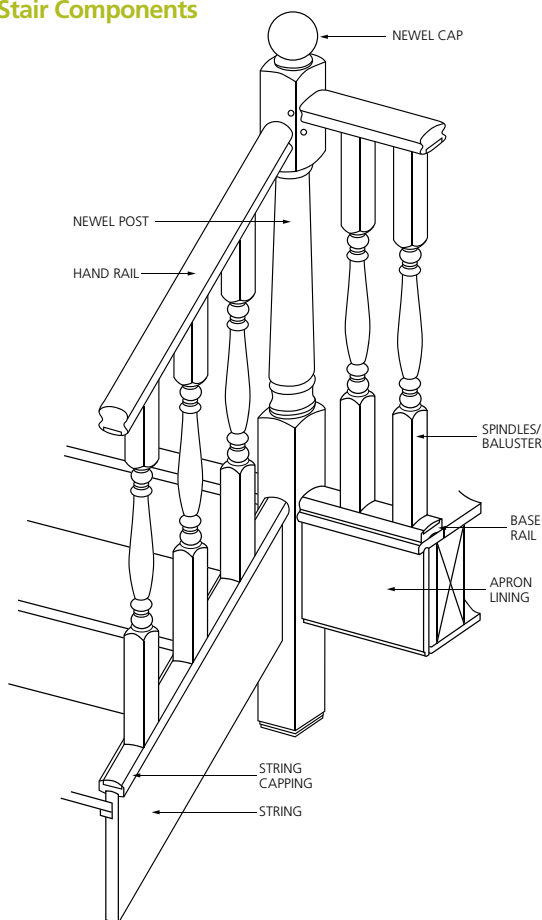
**Step** – the tread and riser combined.

**Tread** – the horizontal surface of the step.

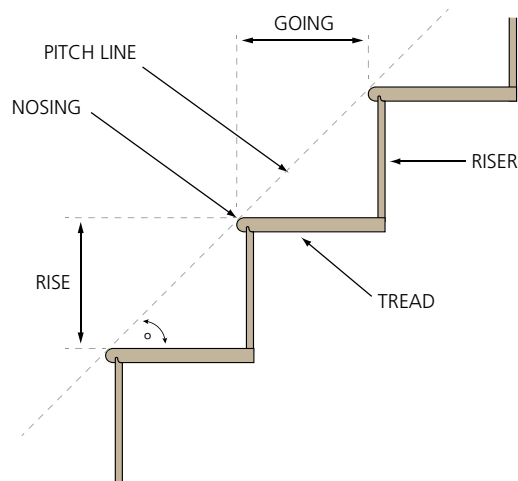
**Wall string** – a staircase string fitted flush against a wall.

**Winders** – tapered steps are used to change the direction of a stair through 90° or 180°.

### Stair Components



### Rise and Going



### Additional tread options



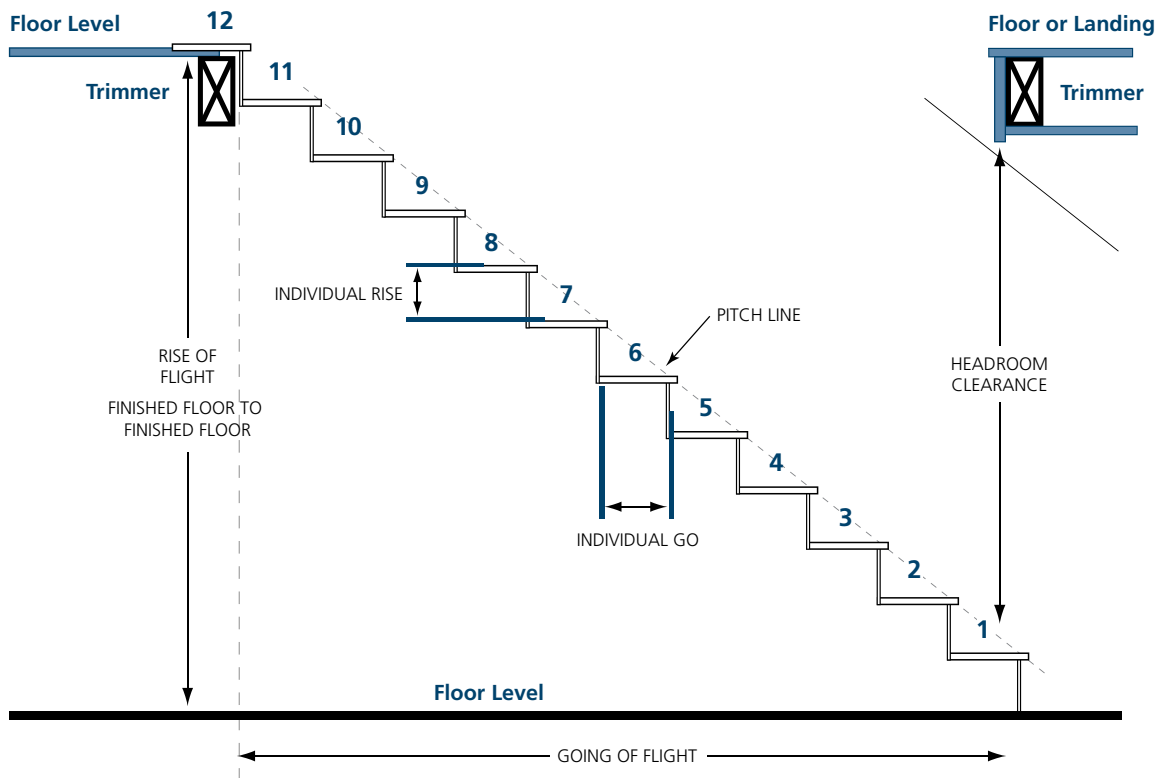
Double-end Bullnose Step



Double-end Curtail Step

### Stair Installation

This diagram shows a typical cross section of a stair installation.



## PAINT & PEEL TREAD PROTECTION

Reduce clean up time with our optional tread protection – an easy peel away film protection. Protect the staircase during construction, then simply score and peel away the film to reveal clean treads and risers. Available on standard MDF treads and risers only.



# GENERAL INFORMATION

This section provides technical details and advice to help you with your JELD-WEN product purchases. This includes advice on finishing and care, performance information and relevant legislative details that relate to joinery products.



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If you would like sectional drawings or more detailed technical advice go to our website to view the External Joinery Technical Specification Guide. Visit [jeld-wen.co.uk](http://jeld-wen.co.uk) or scan the QR code with your smartphone to view.

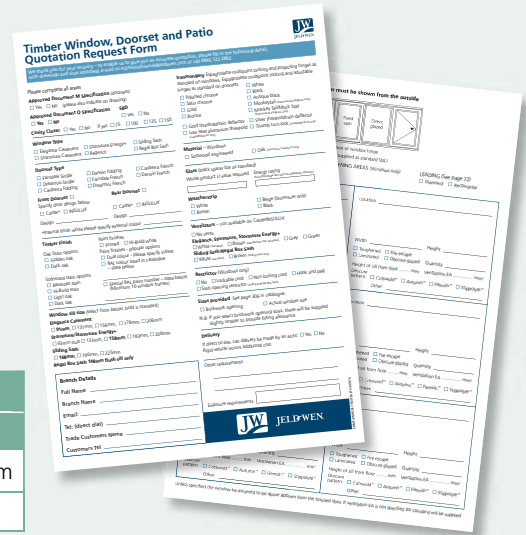


# HOW TO ORDER

If you are a tradesperson looking to buy, search for your local merchant or retailer at [jeld-wen.co.uk](http://jeld-wen.co.uk)  
 If you are a merchant ready for a **QUOTATION** or to **PLACE AN ORDER**, please use the steps below:

## WINDOWS, EXTERIOR DOORSETS, PATIOS AND DOOR FRAMES

- STEP 1** Choose your windows, exterior doorset, patio or door frame
- STEP 2** Complete a quotation request form available from the resource centre at [jeld-wen.co.uk](http://jeld-wen.co.uk)
- STEP 3** Send your completed form and plans to the JELD-WEN estimating team via email: [m2mwindowsuk@jeldwen.com](mailto:m2mwindowsuk@jeldwen.com)



Windows Key Contact Details			
Tel	Fax	Enquiries & Quotations	Orders
<b>0845 122 2892</b>	01644 503 403	<a href="mailto:m2mwindowsuk@jeldwen.com">m2mwindowsuk@jeldwen.com</a>	<a href="mailto:windowsuk@jeldwen.com">windowsuk@jeldwen.com</a>
<b>Address:</b> JELD-WEN UK, Snow Hill, Melton Mowbray, Leicester, LE13 1PD			

## INTERIOR & EXTERIOR DOORS, GARAGE DOORS

- STEP 1** Choose your door type
- STEP 2** Select the code(s) and using your preferred method, send us your order  
 Alternatively, contact the sales office:

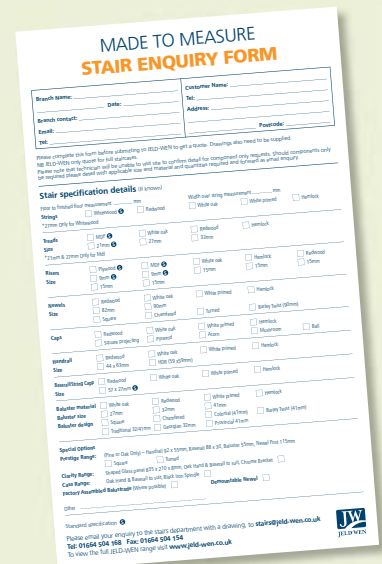
Doors Key Contact Details		
Tel	Fax	Enquiries, Quotations & Orders
<b>0845 122 2891</b>	0114 254 2365	<a href="mailto:doorsuk@jeldwen.com">doorsuk@jeldwen.com</a>
<b>Address:</b> JELD-WEN UK, Retford Road, Woodhouse Mill, Sheffield, S13 9WH		



## STAIRS

- STEP 1** Choose your staircase
- STEP 2** Complete a stair quotation request form available from the resource centre at [jeld-wen.co.uk](http://jeld-wen.co.uk)
- STEP 3** Send your completed form and plans or drawings to the JELD-WEN estimating team via email: [stairsuk@jeldwen.com](mailto:stairsuk@jeldwen.com)

Stairs Key Contact Details		
Tel	Fax	Enquiries, Quotations & Orders
<b>0845 122 2894</b>	01664 504 155	<a href="mailto:stairsuk@jeldwen.com">stairsuk@jeldwen.com</a>
<b>Address:</b> JELD-WEN UK, Snow Hill, Melton Mowbray, Leicester, LE13 1PD		



# CONDITIONS OF SALE

Prices are quoted subject to our standard terms and conditions, and goods supplied in accordance with our standard conditions.

## Windows, patio, external doorsets and door frames

### Cancellation & amendments

Any products that are manufactured at the time of cancellation or amendment will be charged at the full price therefore no cancellation or amendment is permitted.

Any products cancelled or amended will incur the following charges:

- Products cancelled or amended within 48 hours of receipt of acknowledged order will incur 25% of the full charge.
- Products cancelled or amended within 2 – 5 days of receipt of acknowledged order will incur 50% of the full charge.
- Products cancelled or amended after 5 days of receipt of acknowledged order will incur 100% of the full charge.
- Any product delivery dates amended up to 48 hours after receipt of order acknowledgement maybe amended without charge.
- Please email amendment requests to:  
**melton-updates@jeldwen.com**

### Goods returned for re-delivery and storage of goods

More than 48 hours after receipt of the order acknowledgement – if the acknowledged delivery date is delayed by the customer for more than 2 weeks after the original date of delivery the goods will be invoiced in full or a storage charge will be incurred.

If a delivery is refused on an acknowledged dispatch date, a cost will be incurred for the handling and re delivery which equates to 20% of the invoice value. Goods that are returned will incur additional cost. If the products are not re-delivered after a four week period the goods will be invoiced in full.

### Storage cost per week:

- £1.50 – per door frame
- £7.50 – per window frame
- £15.00 – per patio door
- £15.00 – per external door set

### Ordering

For enquiries and sales or product support for windows, patio doorsets, external doorsets and doorframes please contact us direct on **0845 122 2892**.

## Internal and external doors

### Deliveries to site

All orders will be delivered on articulated vehicles for off-loading by the customer. Where access is restricted, deliveries can be made on a rigid vehicle, incurring a premium which is available on request. A minimum of order value of £1000.00 net or 40 doors.

### Goods returned for re-delivery

Any deliveries refused on the acknowledged delivery date will incur a 25% handling and re-delivery charge for stocked unglazed doors or 40% for glazed doors, made to order doors will be charged in full. Any products that are returned and stored for 2 weeks from the original acknowledged date will be invoiced in full.

### Ordering

For enquiries and sales or product support for internal and external doors and garage doors please contact us direct on **0845 122 2891**.

## Stairs

### Postal/courier deliveries

A minimum charge of £10.00 will be added to orders for small items requiring delivery by post or courier. For orders exceeding this minimum postal charge a quotation will be given prior to despatch.

### Deliveries to site

All orders will be delivered on articulated vehicles for off-loading by the customer. Where access is restricted deliveries can be made on a rigid vehicle, incurring a £75.00 premium for each delivery. It is the customers responsibility to advise JELD-WEN of the available access for delivery at the time of order.

### Cancellation & amendments

All products cancelled or amended will incur the following charges:

- Products manufactured will be charged at the full price; products cancelled or amended during the manufacturing process will incur a 35% of the full price charge; and products cancelled or amended where a manufacturing instruction has been issued will incur a 25% of the full price charge.
- Non-standard items are manufactured to special order and cannot be accepted for return.

### Goods returned for re-delivery

Any delivery refused on the acknowledged delivery week will incur a 20% handling and re-delivery charge. Any products that are returned and stored for more than one month from the original acknowledged date will be invoiced in full.

### Remedial issues

Remedial costs will be charged in full to the customer where no manufacturers error is identified. If the fault identified is not the responsibility of JELD-WEN a minimum charge of £150.00 will be made. JELD-WEN will undertake any remedial work at the customer's request following receipt of an order to cover these works

### QR codes

Throughout this brochure you see a number of QR codes. These can be read by most smartphones and will direct you to view extra content on line such as video clips. To be able to scan these codes, ensure you have downloaded "QR reader" software on your smartphone through your App store.

### Illustrations and reproduction

Products are shown glazed, fully finished and with ironmongery for the purpose of illustration only unless stated otherwise. Photographs, drawings and other information contained in this brochure are the property of JELD-WEN and may not be reproduced in any form without prior permission. Colours and photographs are as accurate as the photographic and printing processes allow. The products pictured in this catalogue are shown with specific specifications and therefore may not match the product you require.



# MEASURING AND TOLERANCES

## WINDOWS, EXTERIOR DOORS, PATIO DOORSETS AND DOOR FRAMES

JELD-WEN would recommend the following guidelines are followed when measuring openings from the outside prior to ordering your windows and exterior doorsets:

- Complete the method of any cavity closing before installation of windows.
- Take three measurements horizontally and vertically across the opening of the brickwork. The smallest measurement of width and height should be used as your **brickwork (structural) opening** size.
- Then measure diagonally, corner to corner to determine the squareness of the aperture.
- The sill must overhang the external brickwork by at least 25mm.
- Ensure any internal and external reveal sizes are checked and ensure any opening windows will not be blocked in any way e.g. by render.
- Every opening that will be having a patio doorset installed will need structural support such as a RSJ, lintel or timber beam. For a folding sliding patio doorset a lintel needs to be in place owing to the weight.

Windows, doorsets and door frame sizes shown in the catalogue are **actual frame size** unless indicated otherwise on the product page. Leave a tolerance to allow the frame to fit (deduction from the brickwork size). This will vary depending on new build or replacement and the method of installation i.e. building in (where a 5mm tolerance may be suitable) to cavity closer, straps and screws.

The deduction is made from the total brickwork width and height not per side. In order to cover most eventualities JELD-WEN recommend a 12mm deduction.

### For example:

**Brickwork (structural) opening** 1234mm wide x 1456mm high would have an **actual frame size** of 1222mm wide by 1444mm high.

**When making an enquiry or placing an order you must state if your dimensions are brick/structural or actual product size.**

### Co-ordinated brickwork module sizes

#### Windows

Equal divide range	BS644: 2003					
Structural opening (mm)	493	635	920	1205	1775	2344
Window width (mm)	483	625	910	1195	1765	2334

This sizing system refers to our Stormsure and Sliding Sash window ranges.

#### Patios

Metric modular range	BS644: 2003							
Structural opening (mm)	300	600	900	1200	1500	1800	2100	2400
Frame width (mm)	288	588	888	1188	1488	1788	2088	2388

This applies to our Canberra, Darwin, DreamVu™ and Fenton patios. Brickwork tolerances vary across ranges resulting in slight differences in frame widths.

For more detail see **The External Joinery Technical Specification Guide**, on our website.

## STAIRS MEASURING SERVICE

JELD-WEN offer a free site measuring service for all made to measure stair enquiries with every order.



# FINISHING ADVICE

It is strongly recommended that freshly plastered locations are completely dry and there is no rapid change in humidity when you are installing any timber products. This will avoid excessive moisture penetration or warping. Excessive moisture intake is the most common cause of failure.

## EXTERNAL JOINERY

If you prefer to finish your own products, JELD-WEN windows and patio doorsets can be ordered primed or base coat stained. Basecoat stained products can be site finished in paint or stain, primed products can only be finished using Hi-Build microporous paint.

Basecoat stained doorframes will have knotting treatment pre-applied and we recommend further knotting treatment as required.

Final decoration must be completed within 3 months of exposure for primed products and 1 month for stained. **Any unfinished external products including oak must be treated before exposure on site or guarantees become void.**

Owing to the natural properties of timber, the colour may vary across the finished product.

It is essential that doors and frames where applicable are fully sealed on the two faces and ALL edges plus any cut-outs for locks, handles, hinges and letter plates etc in accordance with British Standards. As soon as products are taken out of wrappings they should be fully decorated. Prior to priming or sealing, lightly sand any handling marks or variations and ensure the door is dust free before any treatment. Do not use wire wool or other sanding materials containing steel/iron on our products. Failure to seal products accordingly will invalidate any claims. Ensure door sills are fully finished upon installation.

Use a proprietary branded Hi-Build microporous paint or stain and treat in accordance with the manufacturer's instructions. Note: Redwood boarded doors, garage doors and Paint Grade doors are only suitable for Hi-Build microporous paint finish.

A light sanding between coats will provide the best finish. Adequate drying time must be allowed between the coats and ensure you allow drying time before closing window sashes against frames otherwise you may damage the weather strip next time you open the window.

Think carefully before painting exterior joinery black or other dark colours, as the sun can shorten the lifespan of these finishes making them vulnerable to the elements.

In areas of severe exposure, we suggest covering your external door with a porch, hood or canopy in addition to the decorative protection. Regular maintenance should also be made to stop deterioration of the wood, its construction or the finish.

Take care not to apply paint or stain to weather strips, ironmongery, projecting hinges or moving parts as this may cause lasting damage to the performance of your products.

**JELD-WEN external joinery is NOT suitable for varnishes, waxes, polishes, dyes, oils including Danish Oil, yacht varnish or lacquers as these finishes do not protect our products.**

## INTERNAL JOINERY

As soon as products are taken out of wrappings they should be fully decorated.

Moulded doors require decoration using a suitable base coat primer and top coat paint system to the two faces, four edges and cut outs for locks, handles and hinge recesses within 24 hours of fitting, failure to do so may result in the door warping. Adequate drying time must be allowed between the coats.

Flush real wood veneer doors come already finished and are ready to hang. You will need to finish door edges if they are trimmed to fit, in which case we recommend a polyurethane varnish.

Oak timber feature doors and stair parts can be finished with paint, stain, varnish or lacquer, whilst primed timber feature doors can be decorated with a good quality paint to suit your tastes and the style of your property.

**JELD-WEN internal joinery is NOT suitable for waxes, polishes, dyes and oils etc. Please refer to manufacturers instructions.**

## SUGGESTED REDECORATION CYCLES:

For pigmented coating system (e.g. white or pastel colours) applied on timber windows:

Construction	Moderate climate	Hard climate	Extreme climate
<b>Sheltered</b>	10 Years	10 Years	7 Years
<b>Partly sheltered</b>	10 Years	7 Years	5 Years
<b>Unsheltered</b>	7 Years	5 Years	5 Years

For stain and lacquer coating system applied on timber windows:

Construction	Moderate climate	Hard climate	Extreme climate
<b>Sheltered</b>	6 Years	5 Years	3 Years
<b>Partly sheltered</b>	5 Years	3 Years	2 Years*
<b>Unsheltered</b>	3 Years	2 Years*	2 Years*

\*Only dark stain allowed.  
Golden oak stain 2 years maximum.

Moderate climate: includes non coastal areas at low altitude  
Hard climate: includes an area within 5km of coastline  
Extreme climate: any area of high altitude or exposed coastal areas

This guide is based on EN927

**For further maintenance advice see the External Joinery Technical Specification Guide on our website.**

# GUARANTEES & MAINTENANCE GUIDELINES

We offer the following guarantees on products. These will become void when surface finishes or faults are caused by wilful or neglectful damage or by excessive wear and tear. Shattering glass due to the thermal stress and other non product related issues are not covered under these guarantees.

Product range	Manufacturing Defects			Rot & Fungal		Glass	Hi-Build Paint			Hi-Build Stain
	1 year	5 years	10 years	30 years	40 years	10 years	6 years	8 years	10 years	6 years
Casements - Softwood			✓		✓	✓	✓	✓	✓	✓
Casements - White Oak			✓	✓		✓	✓	✓	✓	✓
Sliding Sash & Regal Box Sash			✓		✓	✓	✓	✓	✓	✓
Exterior doorsets			✓			✓	✓	✓	✓	
Canberra & Darwin			✓	✓		✓	✓	✓	✓	✓
DreamVu™, Farndale, Fenton			✓		✓	✓	✓	✓	✓	
Interior doors - Moulded/Flush			✓							
Interior doors - Timber Feature		✓								
Exterior doors - White Oak		✓								
Exterior doors - Hemlock			✓							
Exterior doors - Redwood/Garage	✓									
Exterior door frames - Oak			✓	✓						
Exterior door frames - Softwood			✓		✓					
Stairs			✓							

**MANUFACTURING DEFECTS** – JELD-WEN will accept no responsibility for products cut down to size after receipt, or which use or structural strength is impaired following improper fitting.

**ROT & FUNGAL** – guarantees against rot and fungal attack.

**GLASS** – guarantee against double and triple glazing unit failure on factory glazed products.

**HI-BUILD PAINT AND STAIN** – guarantees against factory finished paint and stain coloured products under normal exposure.

The guarantee period for paint and stain will vary according to colour selected and location of installation in line with EN927.

**For further information on our product guarantees please refer to our website.**

The decoration and finishing of joinery products is covered in BS6150: 2006 'Painting in buildings' and BS8000 Part 12: 1989.

The decorative finish applied to windows, external doors and patio doorsets must be preserved while they are in service to ensure moisture does not penetrate the wood.

JELD-WEN products should be maintained in accordance with the guarantees or the paint or stain manufacturer's guidelines, to prevent the finish from deteriorating and to protect the timber underneath. See the finishing section for advice on paint and stain recommendations.

We recommend the following to maintain and extend the life of your exterior joinery products:

- All joinery should be washed down a minimum of twice a year with a mild solution of soapy water and rinsed off with clean water to remove any surface debris. This should be increased to a minimum four times a year in marine and industrial environments.
- All mechanical hinges etc such be oiled with grease or neutral oil.
- Weather seals should be checked and cleaned.
- Vents should be cleaned and any blockages removed.
- Once cleaned, scrape, lightly sand and touch up any areas of wear and tear with a matching microporous paint or stain. Any bare wood should be primed first.

- Timber is a natural product and therefore performs differently through the year, seasonal adjustment may be required to assure ongoing performance.

Do not attempt to paint when temperatures fall below 8°C or if the humidity is above 85% or in direct sunlight as this will impair the curing process.

Interior products should be kept clean and new coats reapplied as necessary of good quality paint, stain, varnish or lacquer. You may need to sand and apply undercoat again first depending on the condition or choice of finish.

## HARDWARE

Hinges, pivots, rivets and other moving parts must never be painted and should be kept clean and lubricated lightly at all times with grease or neutral oil.

Products should be cleaned and lubricated at least once a year - more often in coastal areas and places where pollution is high.

Guarantees will reduce depending on location even if general maintenance advice is undertaken.

JELD-WEN external hardware is tested to BS EN1670:2006 for corrosion resistance and generally achieves 480 hours. Areas such as coastal or industrial may require higher performance. This should be specified at time of order/enquiry. The test exposure time above relates to the amount of time that a component part has been exposed to a neutral salt spray under laboratory conditions. There is no direct correlation between a given number of hours salt spray testing and real time natural environment exposure. If handles are not cleaned and maintained the resistance is impaired.

For accessible cleaning options to the glass on your side hung windows opt for the Reflex Plus projecting hinge in compliance with BS 8213-1:2004. Projecting hinges should not be used on top hung windows for cleaning as this would contravene BS 8213-1:2004 Annex C and Scottish Building Regulations.

# HANDLING AND INSTALLATION

The way in which products are stored, handled and installed can affect the performance. Good practice avoids damage, maintains quality and saves money.

## Delivery, storage & handling

*Follow this check list to avoid injuries and damage:*

- ✓ Check your order at the time of delivery to ensure it is correct and that each product including protective packaging isn't damaged.
- ✓ Most products weigh in excess of 15kg so ensure you consider the method of handling to avoid injury or damage to the product. Assess any risks before lifting and get assistance if required. Visit the HSE website for more information [www.hse.gov.uk](http://www.hse.gov.uk)
- ✓ Store your JELD-WEN timber products preferably inside a building in a dry place which is well ventilated and all new plaster is dry. If outside all timber products including fully finished should be stored under a tarpaulin off the ground on level bearers.
- ✓ Do not expose any unfinished products to daylight or extreme temperature or humidity before finishing. Our products are manufactured in moisture controlled environments in line with British Standards. Any additional moisture during storage or installation may cause distortion or swelling.
- ✓ Lift windows by the main frame, not opening casements or glazing bars and carry vertically to avoid any distortion.
- ✓ Lift stairs by both strings at the same time.
- ✓ Unglazed products should be stacked flat whilst glazed products should be stored standing upright.
- ✓ Keep protective wrappings on products until finishing and installation where possible.
- ✓ Lift products from each other when stacked, don't drag them, and put spacer packaging between them if they have projecting sills or fitted hardware to avoid damage.

## Installation

We recommend fitting all joinery products as soon as possible after delivery date. For detailed installation information refer to standard BS8213 Pt4 provided by the BSI which gives guidance on good practices necessary for successful surveying and installation of windows and doorsets into new build and replacement situations.

All framed products should be fitted square, true and plumb and should be fitted in accordance with the fitting instructions supplied, as correct installation is vital to ensuring proper thermal and product performance.

Protect any surfaces from mortar droppings.

All external products are supplied actual frame size and should be fitted into preformed openings with a tolerance around each side.

Any products that have been fitted or cut to fit hardware are deemed to be accepted by the customer and will not be refunded or replaced.

## Exterior door installation

Fitting of doors must be in accordance with guidance offered by BS 8000 Part 5:1990.

Ensure all hardware is fitted before doors are hung. All exterior doors should be hung on a minimum of 3 x 100mm (4") quality steel or brass hinges.

Care must be taken in the fitting of locks and latches to ensure that the performance of the stile and rail joints are in no way impaired. Mortice locks must not be fitted opposite the midrail because of the danger of removing the dowels and weakening the door.

We recommend that in areas of extreme exposure that doors should be protected by a porch or canopy in addition to the recommended decorative protection.

If the product is cut or drilled please ensure the area is preservative treated using a Hi-Build microporous paint or stain and decorated before installation or redecoration. Please refer to the product page to see the trimming allowance.

***Trimming more than the specified allowance will void the product guarantees.***

## Interior door installation

Internal hollowcore doors can be hung on 2 x 76mm (3") hinges unless the weight exceeds 20kg or a large difference in humidity on opposite faces of the door is likely. A bathroom door for example, requires three hinges. We recommend timber feature doors are hung on 3 x 76mm (3") hinges. Please refer to the product page to see the trimming allowance.

When fitting your door, pay particular attention to the lock block area. Hollowcore doors have a reinforced area to accommodate a latch and handle. It is located approximately 900 mm from the bottom of the door, which measures to the centre of the lock block giving 160 mm of area either side of this measurement. This is marked by the words LOCK printed on the top edge of the door indicating which side. The block is 320mm high & 55mm wide. Moulded glazed doors have reinforced areas running the length of the door on each side, in this case you have 60mm from the edge of the door to place a latch and handle.

We do not recommend the use of either Auger or Speed bit drill bit as this can result in damage to the door, use appropriate wood drill bits. All middleweight, heavyweight and timber feature doors are of solid construction meaning hardware can be fitted anywhere on the face of the door.

Fire doors should not be trimmed at the top as this provides a unique traceable label. Special detail attention must be paid to installation of fire doors, including compatibility of frame, intumescent seals and all hardware and ironmongery.

Technical data sheets are available in the resource centre of our website [www.jeld-wen.co.uk](http://www.jeld-wen.co.uk)

***Trimming more than the specified allowance will void the product guarantees.***

## Window installation

Timber windows can be installed into all types of building designs and JELD-WEN windows are available with a number of options to aid installation.

We recommend using a cavity closer system to help you get the best fit for your JELD-WEN windows – see page 42-43 for further information.

For buildings with vertical tiling or timber cladding, consider the need for site fitted window surrounds.

All window options are available with a selection of sill depths dependant on your design requirements. Extended sill nosings are not a preferred design option because of their vulnerability to damage and long term erosion. If not adequately maintained this could lead to premature failure of the decoration system.

***Windows and doorsets should be purchased at the correct size to fit the opening.***

## Glazing

Glazing must be carried out using a proprietary material or glazing system complying with the requirements of BS 8000 Part 7:1990 and must be CE Marked. Glazing rebates and the concealed surfaces of all beads must receive a coat of sealer or two coats of the finishing paint or stain before glazing.



With factory glazed and finished windows, the protection should be left in place unless this interferes with the integrity of the damp proof course membrane (DPC) and seals.

All JELD-WEN factory glazed windows and exterior doorsets come CE marked.

For more detail on fitting windows download the External Joinery Technical Specification Guide from our website.

### Forming openings

Windows can be fitted either during construction or into pre-formed openings at a later stage.

A tight fit of adjacent materials should be avoided where there is a danger of distortion in the frame. Side tolerances however should not exceed 10mm on each side.

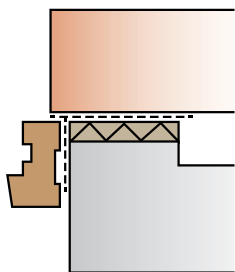
When not building in, openings can be formed using either proprietary templates or site templates. These templates should produce openings that are 10mm to 20mm larger than the actual window size.

In exposed conditions we recommend using a rebated check reveal (see Figure 1).

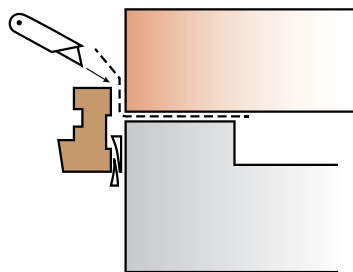
### Fitting

DPCs should be fitted as the construction proceeds. This can be achieved by fixing the DPC to the frame prior to building in, or by fitting it into the structure when making pre-formed openings. In the latter case it is often convenient to use wider DPCs than needed (see Figure 2). Avoid forming a cold bridge when fitting windows.

**Figure 1**  
Rebate check reveal



**Figure 2**  
Using wider dpc for retrofit windows, excess dpc is cut off after windows is fitted.



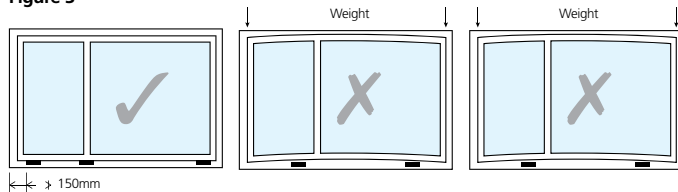
### Support

Ensure a suitable lintel is in place before installing. Windows should be supported on durable packings at a maximum of 150mm from each jamb and beneath mullions. The window should be fitted level and plumb (Figure 3). When building-in, continuous support at sill level can be provided by a mortar bed.

Support for the frame should such as to prevent distortion and should not damage any protection or finish.

Side packings should be located where fixings occur and fitted without distorting the frame.

**Figure 3**



### Patio doorset installation

Every opening that will be having a patio doorset installed will need structural support such as a RSJ, lintel or timber beam. For a folding sliding patio doorset a lintel needs to be in place owing to the weight.

They must have at least 150mm bearing at each end and the overall length should be a minimum of the total opening width plus 300mm. At specification it is important to understand the type of construction, the type and thickness of the inner and outer leaves and the width of the cavity. It will also be necessary to understand the exposure rating for the site to determine if a cavity tray is required. The additional loads imposed by the folding sliding patio doorsets will be a uniformly distributed load (UDL) of 0.5kN (approx. 50kg) per metre run. Loads from the structure will include loads from roof trusses, floor joists and masonry.

### Stairs installation

Refer to the 'stair packing list' and the 'manufacturing worksheet' and check that the works number is the same on the stair flight(s) and loose components. Confirm also that all components are present. The stair needs to be offered into position, be aware that load bearing newel posts need to be trimmed to length prior to installation (look for chisel mark or two drill holes which denotes floor line). Check treads/newel posts are level and plumb. If a bullnosed step is to be fitted, check length and fit, trim as required.

Stairs are supplied assembled as far as practical, leaving final trimming of key components for exact fit on site. If fitting winder treads, again 'dry' assemble. Treads have been cut to size in our workshop but may need further trimming when installed. Check treads for level and fit. Risers will need to be cut to length and bevelled to fit angles. Treads and risers should be wedged and glued into the strings and pinned and blocked at newel posts where the riser meets the tread, always screw and glue into position to prevent 'squeaking'. (Refer to Fitting and Care Instructions for Winder Flight Stairs – available on the website.)

If stairs start with a complex turn i.e. a quarter space landing or tapered treads on first floor level and above, we recommend that the decking overhangs the trimmer by 25mm to allow for support of the first riser. Strings running against a wall should be securely fixed with screw fixings at approximately every 600mm and packed to prevent the fixings pulling the string off the treads and risers. Demountable Balustrade System: For installation and removal please refer to the easy to follow instructions and user guide.

Carpet gripper rods must not be nailed to the treads and risers. They must be screwed or glued only. We cannot accept responsibility for squeaking / damaged stairs if the gripper rods are not fixed in the correct manner.

**Note: Temporary access does not mean temporary fixing.**

**You Tube**

You can view fitting videos on our YouTube page which offers practical advice whilst you are on the job including how to fit a fire door correctly, go to [www.youtube.com/JELDWENUK](http://www.youtube.com/JELDWENUK) or scan the QR code



# GENERAL SPECIFICATION

## Timber type

We have a sustainable, renewable timber sourcing policy and maintain FSC® and PEFC multi-site chain of custody certifications, both dedicated to promoting responsible forest management. All timber complies with the requirements of BS EN 942 2007. We offer oak, hardwood and softwood timber options across our range which is either finger jointed engineered, knotty (door frames only) or laminated engineered timber.

Due to the construction of engineered timber:

- finger/laminate joints maybe visible on the finished product.
- visible grain can vary between individual engineered sections.
- timber is a natural product and will swell or shrink to varying degrees dependent on location etc.

## Finger jointed engineered

Finger jointed engineered timber has all the benefits of being a natural material, except it has all of its natural defects removed such as knots and splits. The engineering of the component reduces the risk of twisting and warping, allowing the product to operate as designed.

## Knotty

Knotty timber is used in door frames and gives a natural grain pattern to achieve a high quality finish. Knots are visible in this type of timber, which need treatment before finishing as described in our fitting instructions.

## Laminated engineered

Laminated timber is another form of engineered timber with finger joints. The timber has all knots and splits removed from the component and it is laminated with glue under high pressure, producing a stable and strong component.

## Engineered

Can be finger jointed, laminated or finger jointed and laminated timber.

## Oak veneer

Oak veneer is a thin layer of oak applied to the surface of some of our products. The interior components are usually made from engineered timber or particle-board to give it strength and weight

## Glazing

Glazing is undertaken in controlled factory conditions which provide quality and adherence to correct glazing practices in line with BS 6262 standard. This includes a 5mm clearance between the edge of the glass unit and the rebate to assist with drainage and ventilation commonly referred to as a drained and vented glazing system.

We recommend ordering factory finished glazed windows to ensure windows comply with legislation and are at recommended standards for the best overall performance.

We recommend using toughened or laminated glass around low level areas or in areas that need extra safety. We also offer extra security through enhancements on products to comply with Approved Document Q and Secured by Design.

All safety glazing and insulating glass units are marked with the appropriate identification to ensure correct, safe installation and permanent traceability. See *diagram below*.

All double and triple insulated glass units in windows and patios where triple glazed options are available, come with either argon or Krypton gas filled cavities.

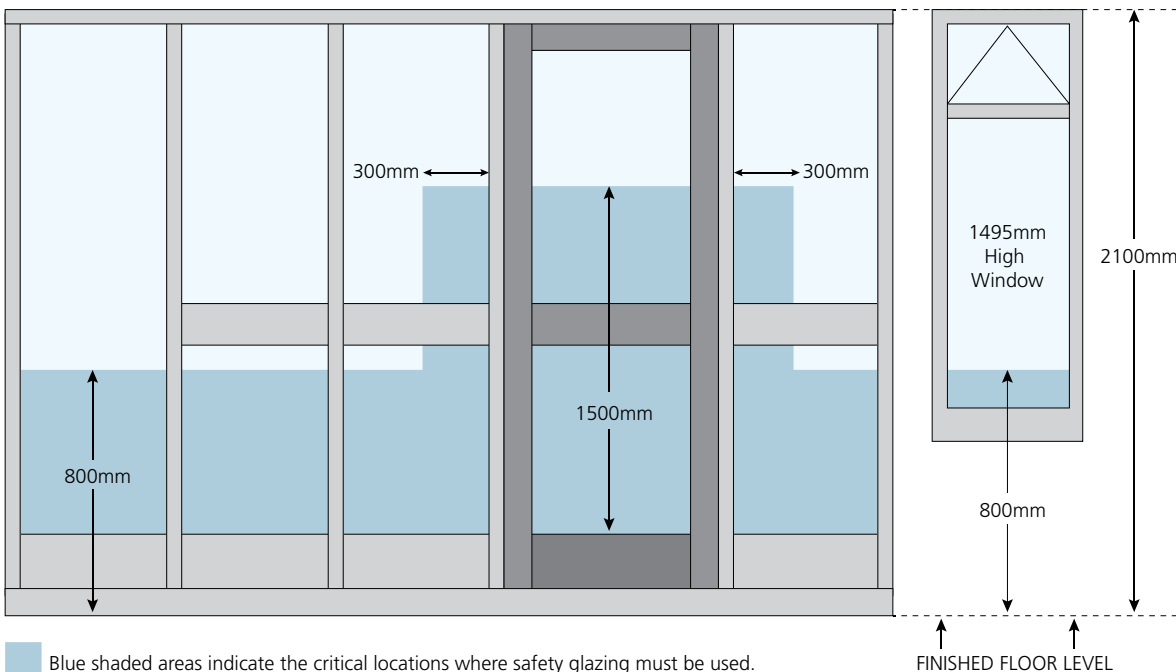
The type will be determined by the overall thermal performance of the specified windows.

## Glass units

Defects will only be considered under the standards of the GGF Code of Good Practice

- Due to the high thermal properties of insulating glass units, condensation may form on external faces of the glass units if environmental conditions allow.

## Safety glazing locations



## Acoustic windows

Demand has increased for good acoustic performance on windows and doors. JELD-WEN has various specifications of glazing and window designs to meet these requirements. Download the External Joinery Technical Specification Guide on the website for further details.

## Acoustic doorsets

Approved Document E of the Building Regulations 2003: Resistance to the Passage of Sound. In situations where a fire resisting door is used as an entrance door for flats into a corridor, it is now required to have a minimum mass per unit area of 25kg/m<sup>2</sup> or a minimum sound reduction index of 29dB Rw.

## U Values

Thermal performance is a measure of whole product U value not just the value of the centre pane. We have standardised to 1.4W/m<sup>2</sup>K for our factory glazed standard casement windows but offer a range of U values as shown in the product pages which will meet new build and other project and regional requirements. Each of our factory glazed product ranges has its standard U value quoted in accordance with BR 443 or EN 14351-1.

## Energy ratings

Offers an alternative method of assessing the energy efficiency and thermal performance. Available as an option across the JELD-WEN window range.



## Security

### Approved Document Q

Approved Document Q of the Building Regulations for England now details the requirement for security in new dwellings and material change of use. PAS 24 is the product test standard required to meet this regulation. We offer PAS 24 tested options on a selection of our products.

### Secured by Design

We offer Secured By Design (SBD) on a selection of our products. This is highlighted on each product page for clarification.

Prior to ordering your SBD products, you should check with the CPDA (Crime Prevention Design Advisors) or ALO (Architectural Liaison Officer) that you are requesting the correct specification.

## Performance

JELD-WEN products undergo rigorous testing processes for security, safety, environmental, durability, load bearing and weather resistance to ensure they meet the highest standards.

JELD-WEN products are tested for exposure categories and their performance is declared. It is the customers' responsibility to check that the declared performance meets the requirements for their project. Your architect or specifier should provide you with the required performance figures. With your enquiry please provide the performance levels required for corrosion resistance, wind loading, exposure category and air tightness. If you are unsure of your requirements please contact us. If not specified JELD-WEN will supply the standard product.

*Thermal bridging:* In certain applications this may result in condensation forming on the products metallic surfaces.

If trickle vents are fitted, please note they are not designed to be fully air tight in the closed position.

## Quality standards

We understand how important quality is to our customers and therefore continually develop our products and services to achieve the high standards that are expected.

We are formally assessed under quality and environmental practices and all our factories are ISO 9001: 2015 and ISO 14001: 2004 certified. Our products undergo rigorous testing to ensure they can perform to the highest standards when installed.

## We also carry a number of third party accreditations and affiliations including:



Secured by Design (SBD) is the official UK Police flagship initiative supporting the principles of 'designing out crime'. Products have been tested and approved under the scheme wherever you see the logo.



All JELD-WEN fire resisting doors come with the added assurance of the BWF-Certifire third party certification scheme by the British Woodworking Federation. All specifications and manufacturing methods are assessed with periodic inspections and full fire tests for audit purposes providing the evidence necessary for continued compliance.



JELD-WEN stairs are independently assessed by the British Woodworking Federation to guarantee that all staircases meet Building Regulations. Common Stairs for multi occupancy dwellings have also been certified by the LPCB, part of the BRE, for fire protected stairs.



We actively support the development and standards of timber windows and our membership ensures we are performing on quality, performance and sustainability. WWA life cycle assessments confirm that JELD-WEN windows will provide a minimum service life of 60 years.



The TWA Scheme, set up by the British Woodworking Federation, provides one of the most rigorous and best supported of the UK certification schemes for wood windows.



Our timber window, patios and exterior doorset ranges are certified under the BSI Kitemark certification to ensure quality, performance and safety standards.



# LEGISLATION

## Responsibility

JELD-WEN aspires to be the industry leader in environmentally responsible practices and products. We have committed ourselves to more responsible business practices and environmental stewardship. This affects every aspect of our organisation and governs our approach to energy efficiency, air and water emissions and indoor air quality.

At JELD-WEN we have a responsible, renewable timber sourcing policy and are extremely proud to have received FSC® multi-site chain of custody certification dedicated to promoting responsible forest management.

We have also received PEFC multi-site chain of custody certification. If you want FSC® or PEFC products speak to your local branch or a member of our team to discuss your requirements.

All JELD-WEN products meet the EU Timber regulations which aims to prevent the trade in illegal harvesting of timber.

## Biocide Regulation

JELD-WEN exterior joinery is treated with an approved wood preservative and protected against wood decaying fungi.

For all timber windows, door frames, DreamVu™, Farndale & Fenton patio products the active ingredients are tebuconazole, propiconazole and cypermethrin.

For Wellington patio products the active ingredients are Carbamic acid, butyl, 3-iodo-2-propynylester.

For Oakfold products the active ingredients are copper carbonate and Didecyldimethylammonium Chloride.

Preserved wood should not be cut or otherwise reworked as this will expose un-preserved wood. Any surface which is exposed by cutting or drilling must be retreated with an HSE approved cut end preservative. Follow the instructions for safe use on the manufacturers' safety data sheet.

## CE Marking



JELD-WEN factory glazed windows and external doorsets have been CE marked as directed under European law on 1 July 2013. CE marking is not required for internal doorsets or staircases at this time.

## What is the purpose of CE Marking?

It is the "passport" for products allowing them to be sold legally across the whole of the European Single Market. It is European Law, standing above UK legislation. It also provides tighter control of products and their claimed performance, ensuring products do what they should and completed buildings meet their claimed performance.

## What has JELD-WEN done to implement CE Marking?

- Placed the CE mark as a label on each product or packaging
- Provided a Declaration of Performance (DoP) for each product available to download from the website in our download centre which is the legal declaration of its performance.

*JELD-WEN recommends that customers buy fully glazed windows to ensure compliance.*

For more information about CE Marking visit our website.

# BUILDING REGULATIONS

## Building Regulations, England and Wales. Additional requirements under Scottish Building Regulations

### How JELD-WEN can help you comply:

JELD-WEN quoted *U* Values in this catalogue cover most products and are provided to assist correct selection. Many JELD-WEN products are also available with alternative, both lower (better) and higher, *U* Values to meet particular requirements.

There are a total of 14 parts to Building Regulations. You can view the latest Approved Documents on the building control website.

As a guide, you also need to consider the following when selecting our products:

## WINDOWS

### Approved Document B - Fire safety

In first floor habitable rooms, for example bedrooms, windows must be wide enough to provide a means of escape. In some situations there may be a requirement for fire resisting windows.

### Approved Document E - Resistance to passage of sound

Removing a ventilator in the head of a window and changing the glass spec will significantly improve acoustic performance. Generally an acoustic engineer report would be required to ensure complete compliance.

### Approved Document F Ventilation ("System 1" background ventilation)

Total new build requirements were increased by typically 30% but the minimum per habitable room of 5000mm<sup>2</sup> Equivalent Area (EA) was unchanged (typically 8000mm<sup>2</sup> actual area). Other ventilation systems ie System 2 Passive Stack Ventilation, System 3 Continuous Mechanical Extract (MEV) and System 4 Continuous Mechanical Supply & Extract with Heat Recovery (MVHR) will be determined by the Building Designer. Requirements for window ventilation will differ from System 1.

JELD-WEN Windows are supplied standard with 2500mm<sup>2</sup> EA ventilation for windows below 900mm wide and 5000mm<sup>2</sup> EA 900mm wide and wider. Additional ventilators on windows over 1700mm wide and "No ventilator" options are available to order.

Replacement windows require ventilation only if the originals were vented. However good practice recommends ventilation in all cases.

### Approved Document K - Protection from falling, collision and impact

Windows should not open onto walkways in or around buildings and containment is required by the use of guarding/glazing in some situations, particularly where the window sill is below 800mm from floor level.

Glass must be toughened or laminated in certain locations and if it does break then it must do so without causing injury. Reversible windows must also be fitted with restrictors. Please let us know if you require restrictors.

### Approved Document L Ventilation "Conservation of Fuel & Power"

New Build Windows performance is determined by the Building Designer but the *U* Value (the thermal performance) of windows and doorsets is typically in the region of 1.4 to 1.6 W/m<sup>2</sup>K – Higher levels of building airtightness can also be designed in to improve whole building performance.

Replacement windows require a max *U* Value of 1.6 or a Window Energy Rating (WER) of "C" or better.

Centre Pane (glass only) *U* Value is no longer accepted as demonstrating compliance, (except in certain historic buildings renovation).

### **Approved Document Q - Security - New Dwellings and material change of use**

For all projects submitted to planning from 1st October 2015, any window within the scope of Approved Document Q needs to meet the requirements of PAS 24:2014.

All windows that provide an 'easily accessible' entrance to the dwelling as defined in Approved Document Q, must comply with reasonable standards to resist physical attack by a casual or opportunist burglar by being both sufficiently robust and fitted with appropriate hardware.

If your project requires this compliance you must specify on all your enquiries and orders.

## **DOORS & DOORSETS**

### **Approved Document B - Fire Safety**

Fire doors save lives! They protect escape routes and contain a fire to prevent it spreading throughout a building allowing occupants time to escape. JELD-WEN offer both FD30 and FD60 certified doors, which provide either a 30 or 60 minute fire resistance.

### **Approved Document E - Resistance to passage of sound**

Buildings must provide reasonable resistance to sound. Flat entrance doors should have good perimeter seals including the threshold where practical, and achieve 29dB<sub>Rw</sub> sound reduction or better. In most situations, doors must also be fire rated.

### **Approved Document F Ventilation ("System 1" background ventilation)**

JELD-WEN external and door frames are available with ventilators as an option to enable total ventilation requirements to be met.

### **Approved Document K - Protection from falling collision and impact**

Provision should be made to ensure a clear view of the space either side of a door where appropriate.

Toughened glass in doors is a requirement except for small panes of glass, in this instance the glass usually has to be at least 6mm thick.

### **Approved Document L Ventilation "Conservation of Fuel & Power"**

New Build Windows & Doorsets performance is determined by the Building Designer but the *U* Value (the thermal performance) of windows and doorsets is typically in the region of 1.4 to 1.6 W/m<sup>2</sup>K – Higher levels of building airtightness can also be designed in to improve whole building performance.

Replacement doorsets with greater than 60% glass area must have max *U* Value of 1.8.

Replacement doors ie doors fitted into original installed frames (unchanged) are outside the scope of the changes but in any event should not be worse than the doors being replaced.

### **Approved Document M - Access and facilities for disabled people**

Doors must be wide enough to gain access into buildings and allow for movement within buildings. The minimum width will vary but usually 2'9" (838mm), is fine externally and we offer a range of internal sizes at 2'9" (838mm), 2'10" (864mm) and 3'0" (914mm) for compliance. In buildings other than dwellings, vision panels are important as is the positioning of these. Please advise your clear opening requirements.

### **Approved Document Q - Security - New Dwellings and material change of use**

For all projects submitted to planning from 1st October 2015, any doorset within the scope of Approved Document Q needs to meet the requirements of PAS 24:2014.

All doorsets that provide an 'easily accessible' entrance to the dwelling as defined in Approved Document Q, must comply with reasonable standards to resist physical attack by a casual or opportunist burglar by being both sufficiently robust and fitted with appropriate hardware. In addition, there will be requirements for door hardware and accessories such as chains and letter plate openings.

If your project requires this compliance you must specify on all your enquiries and orders.

## **STAIRS**

### **Approved Document B - Fire safety**

Stairs in some situations have to be fire resistant. We provide fire resisting stairs certified by the LPCB (Loss Prevention Certificate Board) and we are the first volume stair manufacturer to be certified by the LPCB.

### **Approved Document E - Resistance to passage of sound**

Stairs are subject to sound insulation requirements, we offer a rubber matting which is applied to the underside of the staircase.

### **Approved Document K - Protection from falling collision and impact**

Approved Document K determines the height and depth of the steps, this will vary depending upon the type of building and will also impact on the pitch and overall length of a staircase.

### **Approved Document M - Access and facilities for disabled people**

The steps of a staircase have to be wider and lower and must not have any trip hazards such as nosing. There must also be a continuous handrail on each side.

## **SCOTTISH BUILDING REGULATIONS**

Technical Handbooks published by the Scottish Government differ from England & Wales requirements in certain aspects as summarised below:

**Thermal performance:** New Build specify that the maximum "area weighted average" *U* Value must not exceed 1.6, with no individual element exceeding 3.3 W/m<sup>2</sup>K. For replacements the requirements allow an "area weighted average" *U* Value of 1.6 with no individual element exceeding 3.3 "C" rated WER windows are allowed (as England & Wales).

**Ventilation:** The Scottish requirements refer to actual (geometrical) area only with 8000mm<sup>2</sup> being the requirement for rooms in apartments, 4000mm<sup>2</sup> in other rooms. Increased areas of ventilation are required for buildings designed with greater levels of airtightness.

**Security:** This is an additional requirement applicable in Scotland. There are several alternative methods of demonstrating compliance, one being the use of "Secured By Design" approved products i.e. windows and doorsets tested to PAS 24, all available from JELD-WEN UK Ltd.

The responsibility for correct specification remains with the Building designer (for new build) or the installer (for replacement products). If in any doubt customers should always seek the advice of their Local Authority Building Control Department. There may be other regional differences in requirements not included in the above (Northern Ireland, Channel Islands, etc.). JELD-WEN UK Ltd does not accept any liability for incorrectly specified product and resulting non-compliance with regulations.

***U* Value declarations**, as stated in Declaration of Performance (DOP) as required by Construction Products Regulations (CE Marking).

*U* Values stated are determined by reference to BR 443 or EN14351-1 standard window and doorset dimensions. Window type is single frame and full opening sash.

*U* Values of windows and doorsets are less than or equal to DOP values.

# TERMS AND CONDITIONS

## 1. GENERAL

- (a) In the Contract, 'Bespoke Products' means any Goods which are produced by the Company to the Customer's specification which differs from the relevant Catalogue specification and product code for the type of goods; 'Catalogue' means the Company's catalogue available on the Company's website [www.jeld-wen.co.uk](http://www.jeld-wen.co.uk) and also available in hard copy from the Company on request; the 'Company' means JELD-WEN UK Ltd; the 'Customer' means the person, firm or company buying the Goods under the Contract; the 'Contract' means any agreement between the Company and the Customer for the supply of Goods by the Company to the Customer which incorporates these Conditions and any applicable Special Conditions, Recommendations or Guarantees; the 'Conditions' means these terms and conditions; 'Goods' means the subject matter of the Contract including (but not limited to) raw materials, finished or semi-finished materials or articles, machinery and spares, commodities etc, and any installation or other services provided in connection with the Goods whether one or a number of items whether or not identical or similar, excluding Hirework; 'Guarantee' means the warranties which apply to the relevant Goods as set out in the Company's current Catalogue at the time of delivery; "defect" means any non conformity of the Goods with the requirements of the Contract or any Guarantee, and "defective" shall be construed accordingly; 'Hirework' means any work carried out by the Company to fit/install repaired or replaced Goods including, without limitation, the use of scaffolding; 'Recommendation' means any recommendation (if any) as to fitting/installing, use and/or maintenance of the Goods set out in the Company's current catalogue at the time of delivery; 'Special Products' means any Goods which are not described in the Company's current catalogue at the time of delivery as being 'Products in Stock'; 'Special Condition' means any Conditions of Sale in the Company's current catalogue at the time of delivery in respect of the relevant Goods (including, without limitation, additional terms which apply in the event of cancellation and charges for specialist delivery equipment and/or storage); 'Statutory Interest' means statutory interest as set from time to time pursuant to the Late Payment of Commercial Debts (Interest) Act 1998; References to 'time of delivery' shall be to the time of delivery as determined in accordance with Condition 6 of these Conditions.
- (b) The Contract will be subject to these Conditions and any Special Conditions, Recommendations or Guarantees to the exclusion of any conditions of order or purchase of the Customer or any other standards, specifications or particulars of or adopted by the Customer unless expressly accepted in writing by the Company as part of the Contract. In the event of any conflict between these Conditions and any Special Conditions, Guarantees or Recommendations, the Special Conditions, Guarantees and Recommendations shall prevail.

## 2. QUOTATIONS AND TENDERS

- (a) A quotation by the Company will constitute an invitation to treat and not an offer. An order constitutes an offer by the Customer to purchase the Goods from the Company on these Conditions and any applicable Special Conditions, Recommendations or Guarantees. No order placed in response to the Company's quotation will be binding on the Company unless accepted by the Company in writing.
- (b) Tenders submitted by the Company are open for acceptance for a period of no longer than 30 days from the date of the tender, unless in the tender some other period is specified or accepted. A tender may be withdrawn at any time before acceptance.

## 3. PRICES

- (a) Where the Goods are sold by reference to the Company's published price list, the price payable for the Goods shall be the price as published in the price list current at the date of despatch of the Goods from the Company's works less any discount (if any) allowed to the Customer (any such discount shall be given at the Company's discretion). If an actual price is stated in any quotation order or acknowledgement, which is taken from a list price, then that price shall be substituted with the list price as at the date of despatch.
- (b) Where the Goods are sold other than by reference to the Company's price list the price shall be the price as agreed between the parties in writing.
- (c) Where the price for the Goods is varied in accordance with this Condition 3 the price as varied shall be binding on both parties and shall not give either party any option of cancellation.
- (d) There shall be added to the price for the Goods any value added tax and any other tax or duty relating to the manufacture, transportation, export, import, sale or delivery of the Goods (whether initially charged on or payable by the Company or the Customer).
- (e) Where the price is stated in the Company's price list the price includes packing and free delivery by a method of transport of the Company's choice to the destination stated in the Contract if such destination is on the mainland of Great Britain and provided the value of order exceeds the prevailing minimum order value published in the Company's current catalogue (if applicable).
- (f) If the value of the order does not exceed the prevailing minimum order value as set out in the Company's current Catalogue at the time of delivery, the appropriate surcharge published in the Company's current Catalogue shall be charged.
- (g) If such destination is not on the mainland of Great Britain

and unless otherwise agreed in writing, the Goods will be delivered ex works (as such term is defined in Incoterms 2010).

- (h) If the Contract stipulates, or the Customer requests, special packing and/or transport arrangements, the extra cost will be for the account of the Customer.
- (i) Payment shall be made in pounds sterling via the payment method agreed between the parties.

## 4. TERMS OF PAYMENT

- (a) Where the Company agrees to provide credit to the Customer, and unless otherwise expressly agreed, invoices are due for payment not later than the end of the month following the month of despatch.
- (b) Where the Company has not agreed to provide credit to the Customer payment must be received before delivery or in the case of Special Products before the commencement of manufacture.
- (c) The Company will be entitled, at its discretion, to deliver Goods by separate instalments. When deliveries are spread over a period each consignment will be invoiced separately and be payable accordingly.
- (d) The Company reserves the right to demand security for payment of the price (together with any value added tax or similar payable and any additional charges payable pursuant to the Contract (including any Special Conditions)) (such as (but without limitation) an on-demand guarantee given by a bank or a parent company guarantee).
- (e) Without prejudice to any other rights and remedies of the Company, if any amount payable to the Company by the Customer becomes over due, the Company shall be entitled to charge the Customer Statutory Interest, accruing on a daily basis until payment is made, whether before or after any judgement and statutory fixed compensation for recovery of the debt together with the reasonable costs of the Company in recovering the debt over and above the fixed sum.
- (f) Where the Company has reasonable grounds to doubt a Customer's financial position, or the Customer fails to pay when due the price for any Goods (or any delivery or instalment of the Goods) or any other amount, or the Customer fails to provide any security for payment when requested, the Company shall be entitled to suspend manufacture, delivery and work under the Contract and any other order or contract with the Customer without liability until payment in full has been made or satisfactory security for payment has been provided. Any such suspension shall be without prejudice to any other rights the Company may have.

## 5. ORDERS OF SPECIAL AND BESPOKE PRODUCTS

- (a) Where the Company accepts orders for Bespoke Products the Company will use reasonable endeavours to execute the order, but if it proves impossible, impracticable or uneconomical to carry out or complete the order, the Company reserves the right to cancel the Contract or the uncompleted balance thereof, in which event the Customer will only be liable to pay for the part thereof actually delivered.
- (b) Subject to Conditions 6 and 7, the Customer shall not be entitled to cancel the Contract once an order for Special and/or Bespoke Products has been accepted.
- (c) Delivery for the purpose of Condition 6(a)(i) means to the nearest point to the destination stated in the Contract for delivery on a road suitable in the opinion of the driver, for the vehicles used.

## 6. DELIVERY AND COMPLETION DATES

- (a) Subject to Condition 6 (b), unless otherwise agreed in writing by the Company, the Goods shall be delivered:-
- (i) to the destination stated in the Contract, if on mainland Great Britain;
- (ii) ex works (as defined in Incoterms 2010) at the Company's manufacturing site as notified by the Company to the Customer, if the destination stated in the Contract is not on mainland Great Britain.
- (b) The delivery or performance periods specified in the Contract and Special Conditions are approximate only and time for delivery is not of the essence. The Customer shall have no right to reject the Goods or terminate the Contract in such circumstances unless:-
- (i) the delay is substantial and results from a reason other than an event of force majeure as defined in Condition 16; and
- (ii) the Customer has given to the Company notice on or after any agreed date for delivery and the Company has failed to deliver within 60 days following receipt of such notice. If the Customer exercises its right to terminate the Contract pursuant to this Condition 6(c) the Company will refund to the Customer any monies which it has already paid to the Company under the Contract in respect of Goods not yet delivered and the Customer will not be required to pay any further monies to the Company under the Contract in respect of Goods not yet delivered. Notwithstanding this, whether or not the Customer exercises any right to reject the Goods or terminate the Contract, the Company will have no further liability in any circumstances for the consequences of any delay in delivery or failure to deliver.
- (c) The Company cannot undertake to meet any schedule of Customer's requirements supplied after the date of the Contract and will have no liability whatever for delay in meeting or failure to meet all or any of such requirements (howsoever such failure or delay may arise including without limitation in negligence) unless and to the extent that the Company expressly agrees in writing to meet such requirements, in which event Condition 6 (c) shall apply.
- (e) The Customer will provide, at its expense, the necessary

labour and equipment to unload the Goods from the vehicle with the minimum of delay. Delivery will be deemed to occur when the Goods arrive at the delivery location as determined in accordance with this Condition 6.

## 7. CANCELLATION

- (a) Save where explicitly stated the Customer shall not be entitled to cancel the Contract once an order has been accepted.
- (b) Subject always to Conditions 6(c) and 7(a), where the Customer is entitled to and does so cancel an order which has been accepted by the Company, the Customer shall pay the price for all Goods included in such order in full whether or not such Goods have been delivered.

## 8. DELAYED ACCEPTANCE

- (a) If for any reason the Customer is unable or unwilling to accept delivery of the Goods, when the Goods are ready for delivery:-
- (i) the Company may arrange storage of the Goods and the Customer shall be liable to the Company for the reasonable costs (including, without limitation, insurance) of such storage;
- (ii) risk in the Goods will pass to the Customer; and
- (iii) the Goods shall be deemed to have been despatched and delivered at the time delivery is tendered by the Company, and if no credit period has been allowed, the price and all additional charges in respect of the Goods shall become immediately due and payable.
- (b) This provision is without prejudice to any other right which the Company may have in respect of the Customer's failure to take delivery of the Goods.

## 9. RISK AND TITLE TO GOODS

- (a) The risk in the Goods shall pass to the Customer on the earlier of:-
- (i) delivery of the Goods to the Customer or its representative;
- (ii) tender of delivery to the Customer; or
- (iii) when the Goods are appropriated to the Customer's order but kept at the Company's premises or elsewhere in storage at the request of the Customer.
- (b) The Company accepts no responsibility for any damage, shortage or loss in transit after risk in the Goods has passed. Claims for any damage, shortage, or loss in transit whilst risk in the Goods was with the Company should be notified within 2 Business Days by facsimile or telephone, confirmed in writing to the carrier and to the Company and the carrier's conditions in relation to claims for damage shortage or loss in transit must be strictly complied with. (c) Title to the Goods shall remain with the Company until payment in full (in cash or cleared funds) has been received by the Company for the Goods, for any other goods supplied to the Customer by the Company, and for any other monies due from the Customer to the Company on any account.
- (d) Until title to the Goods has passed to the Customer under Condition 9 (c) above the Customer shall:
- (i) hold the Goods on a fiduciary basis as the Company's bailee;
- (ii) store the Goods (at no cost to the Company) securely and separately from all other Goods of the Customer or any third party in such a way that they remain readily identifiable as the Company's property;
- (iii) not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods;
- (iv) not attach the Goods to real property such as buildings or land; or
- (v) not use, consume or resell the Goods other than in accordance with Condition 9(i) below.
- (e) The Customer's right to possession, use and resale of the Goods will terminate immediately if, before ownership of the Goods passes to the Customer in accordance with Condition 9(c), any of the circumstances in Condition 15(a)(ii) to (iv) occur and in the case of Condition 15(a)(iv) the Company has given written notice of this to the Customer.
- (f) Where the Customer's right to possession, use and resale has terminated the Company may (without prejudice to any other of its rights) retake possession of all or any part of the Goods or require delivery up to it of all or any part of the Goods.
- (g) The Customer agrees that the Company may enter any premises of the Customer for the purpose of retaking possession of all or any part of the Goods (or authorise others to do so) pursuant to Condition 9(f).
- (h) The Company may at any time appropriate sums received from the Customer as it thinks fit notwithstanding any purported appropriation of the Customer.
- (i) Notwithstanding that the Goods (or any of them) remain the property of the Company, the Customer may sell or use the Goods in the ordinary course of the Customer's business at full market value [for the account of the Company]. Any such sale shall be a sale by the Customer on its own account and not as agent for the Company.

## 10. WARRANTY AND LIMIT OF RESPONSIBILITY

- The Customer's attention is particularly drawn to this Condition.
- (a) It is the sole responsibility of the Customer to ensure that all Goods in an order are correct for the Customer's requirements and are used in accordance with, but not limited to, the following:
- (i) all current building regulations including, but not limited to, the Building Act 1984, the Building Regulations 2010 and the Building (Approved Inspectors etc.) Regulations 2010, in each case as updated from time to time;
- (ii) any regulations regarding fire safety;
- (iii) Secured By Design and/or Crime Prevention Through Environmental Design requirements of the Customer's local



Crime Prevention Design Advisors & Police Architectural Liaison Officers (where applicable); and  
(iv) any applicable planning permissions and/or consents and any local planning requirements.

The Company shall have no liability to the Customer in respect of any of the above and by submitting an order the Customer acknowledges and agrees to the above.

- (b) The Company's only warranty to the Buyer in respect of the Goods is the Guarantee. Subject to Condition 12(b), all warranties, conditions and other terms implied by law (whether by statute, common law or otherwise) are excluded from the Contract.
- (c) If any Goods of the Company's manufacture are defective, the Company will (at the Company's choice) either repair or supply replacements, or refund a reasonable proportion of purchase price for the Goods, provided that the Company shall have no liability (including without limitation in negligence) for:-  
(i) apparent defects notified to the Company later than 2 working days from delivery of such Goods to the Customer; or  
(ii) any latent or other defects notified to the Company later than 14 days after the Customer becomes aware or ought to have become aware of the defect in such Goods from Company's works; or  
(iii) any latent or other defects notified to the Company outside any guarantee periods given in the Company's then current catalogue at the time of despatch (the 'warranty periods').
- (d) The Company will require a reasonable period of time to carry out any repairs or supply of replacements.
- (e) In relation to Goods not of the Company's manufacture (including but not limited to parts and components supplied by others for Goods manufactured by the Company) the Company will so far as it is able to do so give the Customer the benefit of any express guarantee or warranty by the manufacturer or supplier of such Goods and any of the other rights which the Company has against the manufacturer or supplier.
- (f) The Company shall have no liability (including without limitation in negligence) under Conditions 10(b) to (e) or otherwise to the extent that any defects in the Goods result from a failure of the Customer to comply with the following requirements:-  
(i) all Goods must be stored in a dry place, stacked flat, slightly raised from the ground and adequately protected from the weather. No internal joinery shall be installed in a building, which has not adequately dried out;  
(ii) all joinery supplied in the white must be suitably primed without delay after receipt and all joinery supplied shall receive further coats of paint within a reasonable period. Joinery supplied with a base-coat of stain must receive further coats as soon as possible, as detailed in the fitting/installing and maintenance instructions provided with the Goods on delivery;  
(iii) any surface which is exposed by cutting or drilling must be retreated with a HSE approved cut end preservative. Follow the instructions for safe use on the manufacturer's safety data sheet. If required for paint finish, it must also be primed before the joinery is fixed into position;  
(iv) all joinery shall be installed correctly in accordance with normal trade practices and adequately maintained in service;  
(v) paintwork or other protective surface finish of external joinery must be maintained in service and excess moisture shall not be allowed to penetrate into the timber;  
(vi) the Customer must not have fitted, fixed, painted (except where required by the Company and/or the fitting/installing and maintenance instructions provided with the Goods on delivery) or in any way altered the Goods; and  
(vii) the Customer must have complied with any instructions of the Company relating to the Goods including (but not limited to) all Recommendations and all conditions of any Guarantee.
- (g) Additionally, in the event of any claim under any Guarantee the following provisions shall apply:-  
(i) the Goods to be repaired or replaced shall be made available for collection by the Company at the original point of delivery and the expenses of re-delivery shall also be for the Company's expense;  
(ii) exchanged Goods will become the property of the Company; and  
(iii) if any claim is invalid, the Company may make charge to the Customer for any costs and expenses incurred in investigating the claim, recover any refunds given, and charge for any repairs or replacements made.
- (h) The Customer's remedies and the Company's liability in respect of any defects in the Goods shall be limited to the remedies and liability set out in this Condition 10. All replaced or repaired Goods will be warranted for the unexpired portion of the warranty periods set out in the relevant Guarantee.  
(i) Descriptions in the Company's Catalogue (including, without limitation, as to colours, designs, methods of manufacture and specifications) are illustrative only and the Goods delivered may alter from their description. The Company shall be entitled to alter the description of Goods at any time without notification.

#### 11. HIREWORK

- (a) Hirework will be undertaken by the Company only where agreed between the parties, for an additional charge (unless otherwise agreed in writing between the parties) and on the express understanding that (subject to condition 12(b)) the Company cannot be responsible for any damage, distortion, faults or defects which appear or develop during or are

caused by the Hirework, howsoever arising even if resulting from any fault, negligence or mistake of the Company.

- (b) The Company warrants to the Customer that it will provide the Hirework with reasonable care and skill. The Company gives no other guarantee or warranty of any kind in relation to the Hirework but subject to the availability of capacity and facilities, it will endeavour to correct any such damage, distortions, faults or defects at the Customer's expense and risk. Subject to Condition 12(b), the Company shall not in any circumstances be liable (including without limitation in negligence) for any damages, compensation, costs, expenses, losses or other liabilities whether direct or consequential and any other remedy which would otherwise be available in law is hereby excluded.

#### 12. GENERAL LIMITATION OF LIABILITY

The Customer's attention is particularly drawn to this Condition.

- (a) Subject to Conditions 12(b) and (c), other than as expressly stated in the Contract and except to the extent such exclusion is prevented by law, the Company's aggregate liability arising out of or in connection with the Contract including, without limitation, (i) breach of this Contract; (ii) defective Goods; (iii) Hirework (subject to Condition 12(d)) (iv) negligence in connection with this Contract; (v) the acts or omissions of its officers, employees, agents or contractors, and (vi) misrepresentation (other than fraudulent) in connection with this Contract, whether such liability is in contract, tort, statute or otherwise howsoever arising including if caused by negligence or if caused by a deliberate and/or repudiatory breach by the Company (the "Default Liability") will be limited to the price of the relevant Goods (or, in the case of Hirework, the price of the relevant Hirework).
- (b) Notwithstanding anything to the contrary in this Agreement, the Company does not limit or exclude its liability for personal injury or death due to its negligence, or for fraud or fraudulent misrepresentation, or for any other matter for which it is not permitted to exclude or limit liability under English law.
- (c) Subject to Condition 12(b), the Company excludes and shall not have any Default Liability for (1) any special, indirect or consequential loss, or (2) any loss of profit, use, anticipated savings, data, production, business, revenue, contract or goodwill (in each case whether direct or indirect), or (3) any costs or expenses, liability, commitment, contract or expenditure incurred in reliance on or expectation of the Goods or Hirework being provided in accordance with this Contract (in each case whether direct or indirect), or (4) losses suffered by third parties or any liability of the Customer to any third party (whether direct or indirect).
- (d) Subject to Condition 12(b) and without prejudice to Condition 12(a), where the Company has any liability under a Contract in relation to Hirework and such Hirework (or part thereof) was undertaken by a third party on behalf of the Company (e.g. installing scaffolding) the Company's liability to the Customer in respect of such Hirework (or part thereof) shall not exceed the amount that the Company is able to recover from such third party in respect of such Hirework.

#### 13. CUSTOMER'S SPECIFICATION

- (a) The Company is entitled to assume that all drawings, descriptions, specifications and other information supplied by the Customer to the Company, whether written or verbal, is in all respects complete, accurate and entirely suitable for the Customer's requirements.
- (b) Unless otherwise expressly agreed or set out in a Guarantee, the Company shall have no responsibility for the performance suitability or durability of any Goods or any materials or workmanship comprised therein to the extent that the same is manufactured in accordance with the Customer's designs, drawings, standards or specifications.
- (c) The Customer agrees upon demand to indemnify the Company against all losses, damages, injury costs and expenses of whatever nature suffered by the Company to the extent that the same are caused by or related to:-  
(i) designs, drawings or specifications given to the Company by the Customer in respect of Goods;  
(ii) defective materials or products supplied by the Customer to the Company and incorporated by the Company in the Goods; or  
(iii) the improper incorporation, assembly, use, processing, storage or handling of Goods by the Customer.
- (d) For the purposes of this Condition 13 materials or products supplied by the Customer shall be of a quality sufficient to enable the Company to provide the Goods in accordance with this Contract.

#### 14. CONFIDENTIALITY; PATENTS ETC.

- (a) Any drawings, specifications or other technical information supplied to the Customer by the Company in connection with the Contract are provided on the express understanding the Customer will not give, loan, exhibit or sell such drawings, specifications or technical information to any third party and that the Customer will not use them in any way except in connection with the Goods or services provided hereunder. The intellectual property rights in all documents provided by the Company will remain vested in the Company.
- (b) The Customer shall indemnify the Company against all actions, costs (including but not limited to the cost of defending and legal proceedings), claims, proceedings, accounts and damages in respect of any infringement or alleged infringement of any patent, registered design, copyright, trade mark or other industrial or intellectual property rights resulting from compliance by the Company with the Customer's instructions whether express or implied.

#### 15. TERMINATION

- (a) The Company may without prejudice to its rights and remedies under these Conditions stop all Goods in transit and suspend further deliveries and repossess any Goods without notice to the Customer and terminate any Contract immediately if the Customer:-  
(i) shall commit any breach of any part of the Contract; or  
(ii) being a company, become unable to pay its debts (within the meaning of Section 123 of the Insolvency Act 1986) or shall be liquidated or wound-up or have a petition for winding-up presented against it or pass a resolution for winding up or if a petition for the appointment of an administrator be presented against the Customer or if the Customer shall have any receiver or administrative receiver appointed in respect of the whole or any part of its undertaking or assets or if the Customer shall convene any meeting of its creditors or make a deed of assignment or arrangement or otherwise compound or compromise with its creditors; or  
(iii) being an individual or a partner, becomes unable to pay its debts (within the meaning of Section 268 of the Insolvency Act 1986) or is subject to an interim order or commits any act of bankruptcy, or makes a voluntary arrangement with his creditors; or  
(iv) in the opinion of the Company has its financial responsibility impaired.

#### 16. FORCE MAJEURE

The Company shall not be liable for any failure or delay in performing this Contract, including but not limited to failure to deliver or delay in delivering the Goods, where due to events or circumstances beyond the reasonable control of the Company including, without limitation, acts of God, governmental actions, war or national emergency, acts of terrorism, protests, riot, civil commotion, fire, explosion, flood, epidemic, lock-outs, strikes or other labour disputes (whether or not relating to either party's workforce), or restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials.

#### 17. ENTIRE AGREEMENT

The Contract and any applicable Special Conditions, Guarantees and any Recommendations constitute the entire agreement between the Company and the Customer for the sale of the Goods. The Customer acknowledges that in entering into the Contract it does not rely upon and shall have no remedy in respect of any statement, warranty or representation of the Company or any other person, relating to the Contract (other than fraudulent misrepresentations).

#### 18. SEVERANCE

Each of the provisions of this Contract are separate and severable. To the extent that any provision of the Contract is found by any court, tribunal or administrative body of competent jurisdiction to be wholly or partly illegal, invalid, void, voidable, unenforceable or unreasonable it shall to that extent be severed and the remainder of the Contract shall continue in full force and effect.

#### 19. WAIVER

Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract will not be construed as a waiver of any of its rights under the Contract.

#### 20. PACKING

Where specialist packing cases and/or packing materials are required for the Goods (as notified by the Company to the Customer) such packing cases/materials will be returnable. The Customer will keep such packing cases/materials in good condition and will notify the Company within a reasonable period following delivery (and in any event no later than one month following delivery) that such packing cases/materials are available for collection and the Company will arrange for the collection of such packing cases/materials.

#### 21. SUB-CONTRACTING

The Company reserves the right to sub-contract the whole or any part of the Contract.

#### 22. APPLICABLE LAW

The Contract shall in all respects be governed by and construed in accordance with English law and the parties hereby submit to the exclusive jurisdiction of the English Courts.

#### 23. CONTRACTS (RIGHTS OF THIRD PARTIES) ACT 1999

The parties to this Contract do not intend that any of its terms will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person not a party to it.

#### 24. DATA PROTECTION ACT 1998

The Customer agrees that the Company shall be entitled from time to time to:-

- (i) make searches with a credit reference agency with respect to the Customer and to permit that credit reference agency keep a record of that search and share it with other businesses;  
(ii) in connection with its membership of any credit circle, disclose to other members of that credit circle, details of such credit searches and information concerning the Customer's account with the Company, including but not limited to payment history, late payment and breaches of contract. The Customer may by notice to the Company request that its details not be disclosed to a credit circle.

#### JELD-WEN UK Ltd.

CAMD20

ISSUE: H

DATE: JUNE 14

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