



EMPLAS

Award Winning Windows & Doors to the Trade

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“ We’re very proud of where we have come from.

Emplas has grown from a start-up business trading from a garage lock-up to become one of the UK’s largest fabricators.

And we are proud of where we are going. ”

Ryan Johnson - Managing Director, Emplas

EMPLAS

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EMPLAS

Company History

1979

FEBRUARY

Kevin Johnson & business partner Tony Foster start selling aluminium double glazed windows & doors to homeowners, making their own glass sealed units in Tony's garage & first-floor bedroom.



JULY & NOVEMBER

The partners rented a small industrial unit in Wellingborough before they moved to a larger unit in Burton Latimer, Northants, later that year.



1980

JULY

First Factory: Kevin & Tony purchased a factory in Finedon & manufactured uPVC double glazed windows & doors. One of a few manufacturers who internally glaze windows.



1990

Kevin was presented with the Promotional Campaign of the Year at the Glassex Awards



2006

Emplas acquired Acorn Aluminium Ltd & could now offer uPVC windows, doors as well as commercial aluminium double glazing.



2011

Ecostar Double Glazing Pty Ltd starts trading in Melbourne.



Our Values



Improving Britain's Homes



To become the UK's supplier of choice to the trade installer, new build and social housing markets



To manufacture the most complete range of high quality windows and doors, backed by the best customer service and support, for the trade installer, new build and social housing markets.

2017

Development commences on the £2.2 million investment of the UK factory. £1.4 million is invested in machinery



2000

Emplas moved into its current site in Rye, East Sussex, x3 times larger than the previous location



2018

JULY

Rapid growth saw Ecostar relocate to a new head office, installation depot & customer service centre.



2014

2015

Emplas win the G14 Customer Care Initiative of the Year & the G15 Fabricator of the Year Awards.



OCTOBER

Finalist in the G18 Fabricator of the Year Awards

2019

Launched F82 Aluminium Bi-Fold Door to our trade customers





Our Process

Transform Your Business

(IT Infrastructure, Business Visibility & Efficiency)



Bar Code Technology:

Measuring customer experience from the receipt of their first order up to delivery.



Production Scheduling:

Collate data regarding production cycle to enable customised individual requirements.



Measurability:

Understand & measure how we deliver what the customer needs.

Predicting Problems

Before they impact on customers



Stages:

Through barcode technology, we can model delivery critical 'manufacturing stage gates' for the product to pass through by a certain time.



Flagging Problems Early:

Our custom-built systems automatically trigger alerts of rare potential problems, thereby saving you time and money.



Maximising Efficiency & Time :

The same technology underpins customer order tracking, dispatch & delivery, with everything scanned on & off lorries, allowing orders to be delivered on-time-in-full.



Improving Our Systems:

This allows us to improve our operation. Elements of each order are checked before loading the lorry & then re-scanned on & off the lorry.



Sending Only Completed Orders:

This reduces the chance of shipping incomplete orders. The truck won't leave until everything is accounted for.

Automatic Reordering



Scanned Deliveries:

All products are scanned off.



Automatic Delivery Notes:

System issues a customer delivery note & audit, providing clear audit trails.

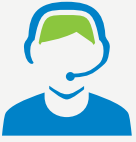


Future Developments:

Piloting functionality for products damaged in transit to be re-scanned for priority factory remakes to cut delays and improve service.



Customer Support



Our customers are supported by our dedicated specialists & their customer service point of contacts.

We offer a comprehensive customer sales & marketing support programme proven in a retail environment.

Barcode Scanning & Inspection



We offer 24/7 online ordering & real-time order tracking, right up to the point of delivery.

The product is quality checked & scanned at each station to ensure the component parts are going where they should.

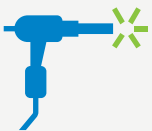
Schirmer Machining



Profile is brought into the factory & scanned by the Schirmer machine for twisting & bowing intolerances .

The Schirmer checks the right profile has been loaded & can cut a 6m bar length into a fully prepped frame within seconds.

Rotox Welder



Once our profile is cut, routed & reinforced, frames are welded using industry-leading welding & cutting technology.

The high-tech seamless weld technology offers a beautiful finish on all reverse butt welds.

Welcome

EMPLAS

Emplas' expertise lies in the
of windows and doors to
specifications

Using state-of-the-art software
capacity to manufacture
two s

me to EMPLAS

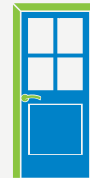
the fabrication and supply
the trade, new build and
on sector.

ftware, we have a weekly
up to 3,200 frames across
shifts.

Door Line

Our composite doors meet & exceed current UK Building Regulations for weather tightness & thermal efficiency.

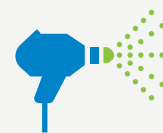
The dedicated composite door CNC routing line routes & preps to 0.1mm tolerances to achieve these standards.



In-house Paint Spraying

Our own in-house spray painting facility offers colour-matching to a full spectrum of RAL finishes.

This allows you to give your customers complete design flexibility to choose the right product for their home.



Quality Control

Every frame is inspected multiple times before final checks in quality control & dispatch.

Following final checks, we apply a tape of your choice which can even include your own brand.



Dispatch

Full visibility of frames throughout the factory gives us the ability to react and solve any potential problems earlier.

We photograph every ancillary product box to ensure products arrive on time, so you can plan installations with confidence.





KM 594781



PAS 24
 KM 33513



uPVC Windows

Emplas is a proud fabricator of Profile 22. We manufacture our windows using the Optima system, which comes in several different styles. Your customers can get the perfect fit for their home.

These windows combine exceptional flexibility with advanced security & thermal performance. Your customers can match these windows in with the décor of their homes thanks to the range of foiled and coloured finishes.

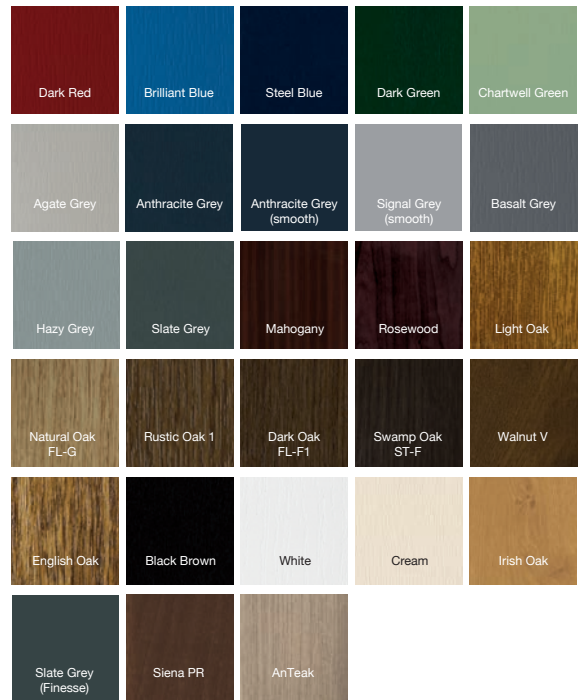


Optima™

BY PROFILE 22 SYSTEMS



Colour Options



Windows Technical Overview

- 1 Slim Sightlines
- 2 Chamfered or Sculptured Frame Options
- 3 Steel Reinforcement Options
- 4 Deeper Drainage Channels
- 5 10mm Cover for Weather Tightness
- 6 Hardware Fixing Points
- 7 Secure Internal Glazing
- 8 Double & Triple Glazing Options
- 9 Multi-Point Locking
- 10 Exceeds Current Building Standards

Available in Heritage Flush, Optima Chamfered & Optima Sculptured profiles, with styles including:



Classic Casement



Flush Casement



French Casement



Tilt & Turn



Optima uPVC Door



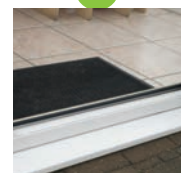
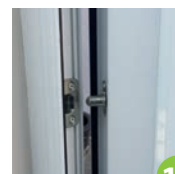
uPVC Residential Doors

The Optima uPVC Residential Door comes in a variety of designs and complementary glazing options. This door has a reinforced core & 'Type A' fire resistant and thermally efficient expanded polystyrene insulation.

Your customers will sleep peacefully with anti-pick, anti-bump and anti-drill door locking cylinder options & Secured by Design features.

uPVC Residential Doors Technical Overview

- 1 Reinforced Fire Resistant & Thermally Efficient Core
- 2 Contemporary or Traditional Designs
- 3 Energy Efficient Frame
- 4 Multi-Point Locking
- 5 Secured by Design Hardware Options
- 6 Kubu Smart Technology as Standard
- 7 High Performance Gaskets
- 8 Decorative Glazing Options
- 9 uPVC or Aluminium Threshold Options
- 10 Range of Colours & Woodgrain Finishes
- 11 Exceeds Current Building Regulations
- 12 Optional Dog Bolts





uPVC French Doors

We use the Optima system for our French Doors, available with chamfered and fully sculptured options.

This door comes with Recycled Composite Material (RCM) or Full Steel Reinforcement options and is available in 6 stock and 22 premium colours*, fitting in perfectly with your customer's homes.

*see page 11

French Doors Technical Overview

- 1 Chamfered & Sculptured Options
- 2 Thermally Efficient Outer Frame
- 3 Steel Reinforcement Options
- 4 Improved Drainage Channels
- 5 Weatherseals & Optional Dog Bolt Upgrade
- 6 Improved Screw Retention & Security
- 7 Secure Internal Glazing
- 8 Double & Triple Glazing Options
- 9 Multi-Point Locking
- 10 Kubu Smart Technology as Standard



PatioMaster

IN-LINE SLIDING PATIO DOOR



Patio Doors

Offer your customers a market-leading profile with the PatioMaster patio door.

This sliding door fits perfectly into every home, available in two, three or four panes.

Patio Doors Technical Overview

- 1 Slim 86mm outer frame
- 2 Smooth glide lightweight mechanism
- 3 Security Head Rail
- 4 White, woodgrain & colour finishes
- 5 Low threshold system (optional)
- 6 6-Point Locking System
- 7 PAS 24:2012 Handle System
- 8 Multi-chamber Sash
- 9 Lowline Gasket
- 10 28mm Glazing as Standard
- 11 Weather seals
- 12 Secured by Design Options





Colours

Your customers can select from 6 stock and 22 premium colours*, fitting in perfectly with your customer's homes.

Foil finishes are permanently industrially bonded to the profiles so won't peel, flake or fade.

*see page 11 for paint finished options

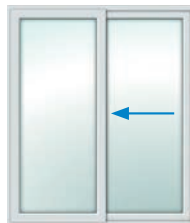
Handles

We use the market-leading Hoppe handles, offering your customer's a 10-year assurance of a scratch-resistant finish.

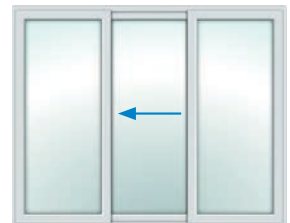
Available in white, chrome, gold, black and satin.

Patio Doors Pane Options

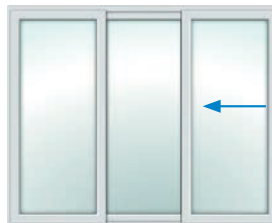
2 PANE OPTION



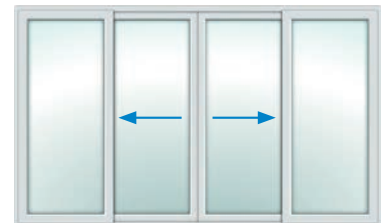
3 PANE OPTION



3 PANE OPTION



4 PANE OPTION





PAS24
KM 597761



Secured by Design
SBD
Police Preferred Specification

EMPLAS

Supplier of accredited Windows and Doors

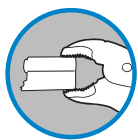


Kubu

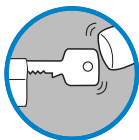
Composite Doors

Setting the Standard for Door Security

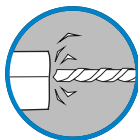
Our doors have been independently tested against the following type of assault:



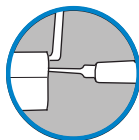
Break Secure



Anti-Bump



Anti-Drill



Anti-Pick

Composite Doors Technical Overview

- | | |
|---|---------------------------------------|
| 1 Timber Look Without the Hassle | 7 Low U-Value Decorative Glazing |
| 2 Reinforced GRP Skin | 8 Secured by Design Security Hardware |
| 3 Thermally Efficient Polyurethane Core | 9 Low threshold Options |
| 4 8 Standard, 38 Premium & any RAL colour | 10 Variety of Door Furniture |
| 5 Stability from the Elements | 11 High Spec Hinges |
| 6 Kubu Smart Technology as Standard | |

**Optional specially selected product configurations only*



DOORCO

ODL Cassettes



Our composite door incorporates the leading TriSYS 3-piece glazing system from ODL Europe as standard.

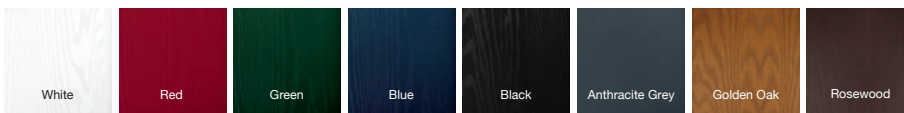
As this is a dry glazed system, the outer frame and inner cassette are screwed together, holding the door into place and snap on the inner frame.

Should the glass in your door fail, a simple replacement involves:

- 1 Take the cover off
- 2 Unscrew
- 3 Put new glass in
- 4 Put back on the door


Colour Options


8 Standard Colours

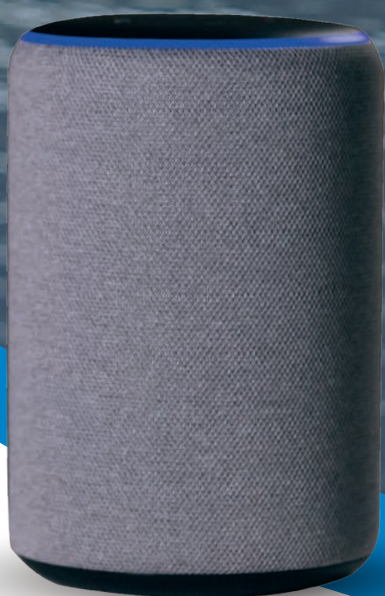


38 Premium Colours

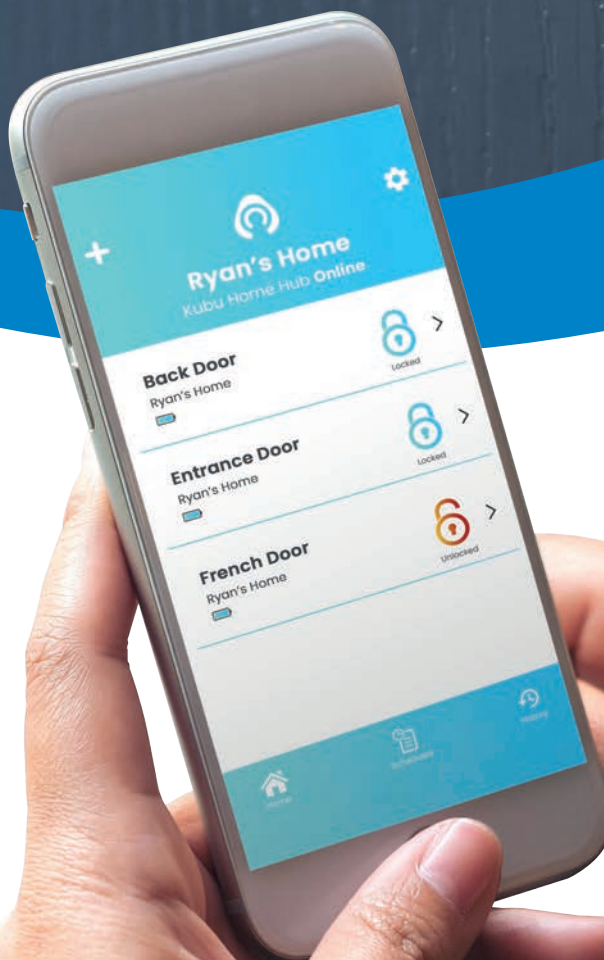


 Alexa,
are all the doors locked?

 You forgot
to lock the French Door.



amazon



Smart Hardware

as Standard...

Kubu smart hardware is installed as standard on all our doors. The smart sensors allow your customers to check the status of their door at any time from any place.

Kubu Perimeter Notifications

With every turn of the key, your customers will get notifications. The perimeter notification ensures they'll never leave home with the door unlocked.

As they walk away from their home and their phone disconnects from the wi-fi, Kubu will send them a notification if the door is unlocked.

* Various installation & integration options available.



What Does the Kubu App do?



It lets you see the status of your door (locked/unlocked)



From any place in the world.



At anytime, day or night.



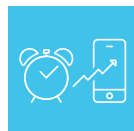
On all the doors in your home.



On all the homes that you look after.



Get notifications with every turn of the key.



You can schedule notifications when you want.



It shows the history of your doors.



You can share your door with family and friends.



Its perimeter feature helps to prevent you from leaving your home unlocked.

ALUK[®]
INNOVATIVE BUILDING SYSTEMS



PAS 24
K13 597761



F82 Bi-Folding Doors

Offer your customers the best aluminium bi-fold door on the market with the ALUK Luminia F82 Bi-Fold Door.

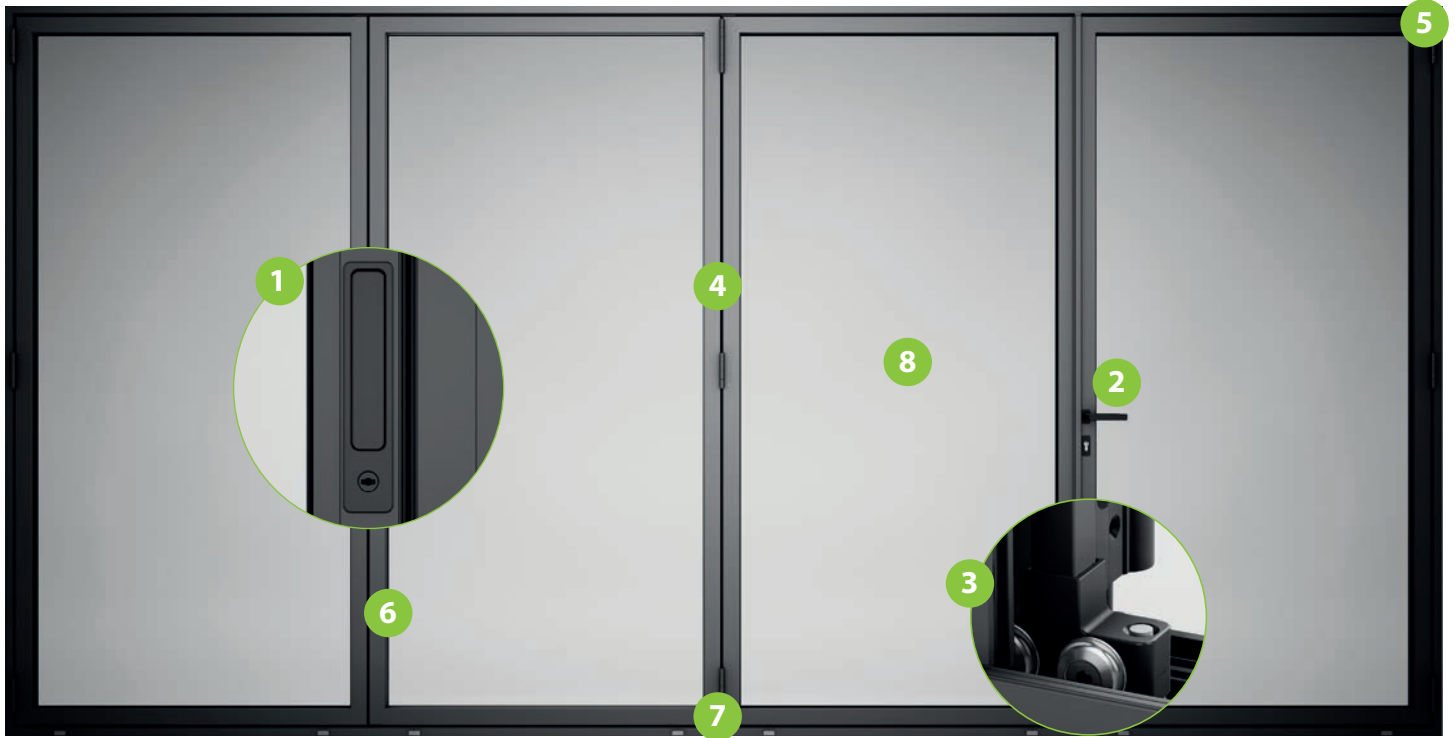
This door sets new standards for design & performance, offering exceptional sightlines & an advanced performance.

Available in two to seven panels, this door delivers an industry-best U-Value of 1.4 with a 28mm double glazed unit, making your customer's homes warmer.

The reduced sightlines of 97 and 122mm (see page 21) allows for a stunning wall of glass, giving panoramic views of your customer's garden.

The pop-out flush handle creates a sleek aesthetic.





Design Features



Unique flush pop-out handle for ease of operation, removing the need for additional unsightly handles



Unique traffic door handle



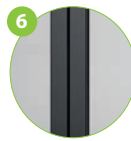
Heavy duty compact rollers as standard



Anti-finger trap system, using gaskets, to prevent fingers getting trapped when the doors are closing



Both frame and cill sightlines of 97mm



122mm Slimline interlock



Low threshold



Larger glazing area

F82 Colours

We offer these doors in both single and dual colour options, with 3 stock colours, 2 dual colours and non-stocked RAL colours available.

We offer handles in white, silver and black.

Hipca White 9910HG	Anthracite Grey 7016Mv
Chocolate Brown 8017M	Deep Black 9005M

1013M	1015M	7044M	9001M
7034M	1019M	6021M	7032M
3005M	9010M	6003M	7021M

External Anthracite Grey 7016M	External Deep Black 9005M	Internal Hipca WhiteHG 9910HG	Internal Hipca WhiteHG 9910HG
--------------------------------------	---------------------------------	-------------------------------------	-------------------------------------



White



Silver



Black



Emplas Virtual Assistant

EVA

We offer our trade customers the very best support in the form of EVA, our Emplas Virtual Assistant.

This retail support package is unlike any other, drawing on our own experience through our retail business, T&K Home Improvements.

EVA offers real-time order tracking from initial placement, through the factory and right up to the point of delivery.

Trade customers can view the status of their orders and deliveries, whilst also being able to generate quotes and place orders, anywhere at any time.





SALES | LEADS | CONTROL | PROFIT



Your Messages



Statements



Documents



Order History



Quotation Software



Sales and Marketing

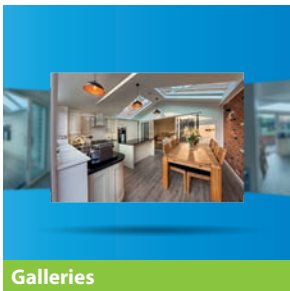


Aftersales



WD Cloud

Marketing Support Available



Galleries



Videos



Branding



Brochures



Bespoke Marketing Materials



Technical Guides



Guarantees



Installation Guides

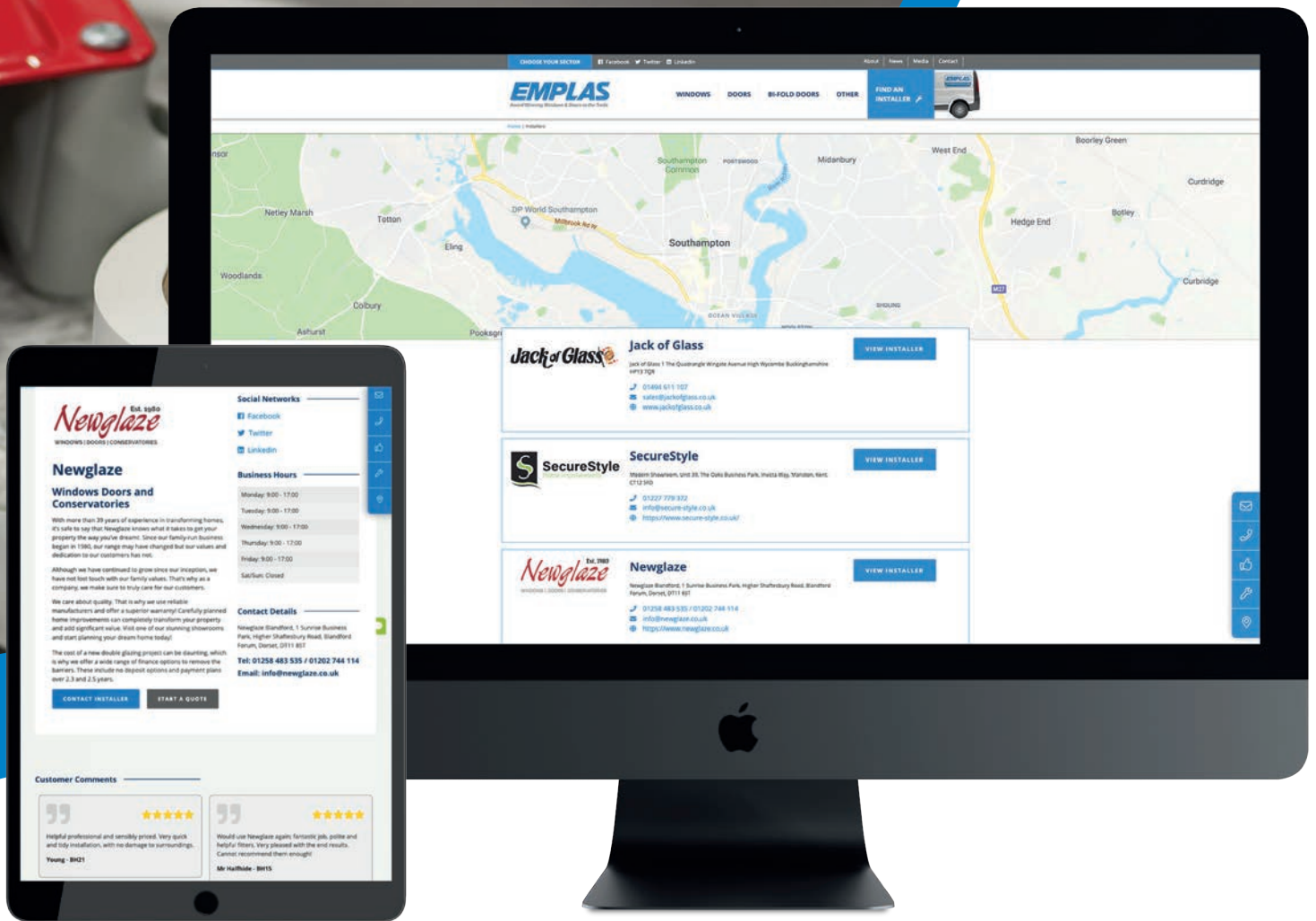


Emplas Approved Installer Network

Become a member of the **Emplas Approved Installer Network** to enjoy these benefits:

- ✓ Approved Installer Certificate
- ✓ Free Leads for Your Chosen Postcodes
- ✓ Sole Specified Commercial enquiries
- ✓ Dedicated Account Management
- ✓ Access to Exclusive Marketing Materials
- ✓ Branded Installer Sub-Site

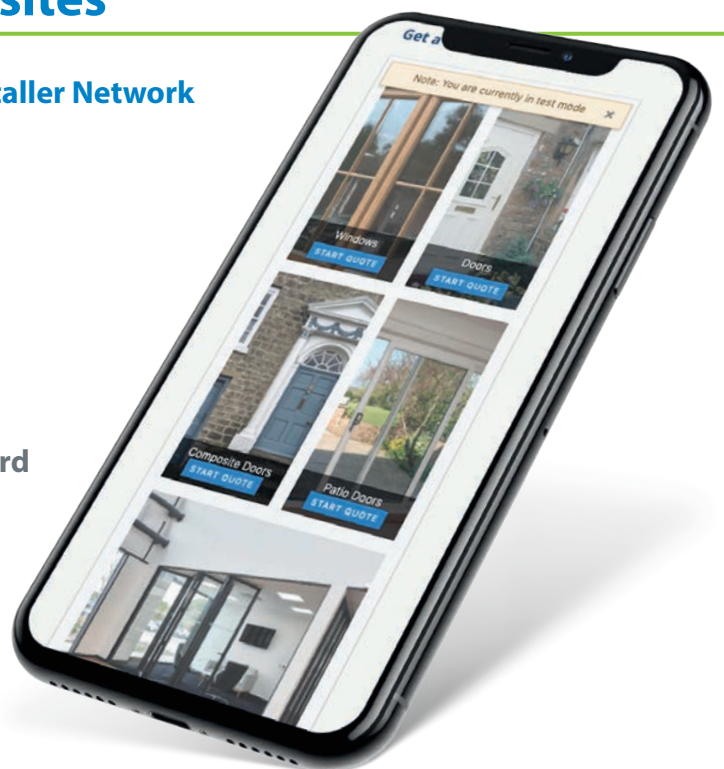




Emplas Approved Installer Subsites

By becoming a member of the **Emplas Approved Installer Network** you'll benefit from a branded installer subsite:

- ✓ **Contact Information**
- ✓ **Area Specific Lead Generation**
- ✓ **Personalised Copy**
- ✓ **Contact Form Linked to Installer Lead Dashboard**
- ✓ **Media Gallery**
- ✓ **Google Map**



Marketing Support



Website Installer Listing

Let Your Customers Find You.

Features

- ✓ Branded Company Subsite
- ✓ Specific Location Lead-Generation
- ✓ Contact Form Linked to Installer
- ✓ Unique Copy
- ✓ Gallery
- ✓ Lead Dashboard

Lead Generation

Features

- ✓ Consumer Leads
- ✓ Leads Sent in Real Time
- ✓ Instantaneous Dissemination
- ✓ Automatic Email Response
- ✓ Real Time Reporting



Quoting Engines

Gain More Customers for Your Business.

Features

- ✓ Built-in CRM
- ✓ Real Time Reporting
- ✓ Large Product Range
- ✓ Flexible Pricing
- ✓ Full Quote Details
- ✓ Live Lead Notifications

VR Tours

Bring Your Brand to Life.

Features

- ✓ 360 Degree Photography
- ✓ Multiple Points of View
- ✓ Suitable for All Devices
- ✓ Bespoke Information Points
- ✓ Add Videos & Photos



Videos

Exclusive Marketing & Technical Videos with Your Own Branding.

- ✓ Factory Video
- ✓ Profile 22
- ✓ Composite Doors
- ✓ KUBU
- ✓ F82

Photography

Showcase Your Products & Captivate Your Customers.

Features

- ✓ Professional Photographer
- ✓ Suited for Marketing Purposes
- ✓ Showcase Full Product Range
- ✓ Lifestyle Approach
- ✓ Suitable for Digital & Print



Showroom Support

Features

- ✓ POS
- ✓ Product Samples



Bespoke Marketing Materials

Features

- ✓ Installer Accreditations
- ✓ Installer Certificates
- ✓ Branded Brochures
- ✓ Branded Tape



Brochures

Showcase Your Products & Captivate Your Customers.

Features

- ✓ Branded Product Brochures
- ✓ Technical Guides
- ✓ Mobile Friendly
- ✓ Easy to Download
- ✓ User-Friendly

Digital Marketing and Support

Features

- ✓ Online Hub
- ✓ Download all Pdfs
- ✓ Online Quoting Engine
- ✓ Branded Installer Subsite





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