

TEKTA™ THERM

Rollashield CD Compact Stacking Sectional Doors

- Insulated & airtight
- Space-saving design
- Quiet & reliable
- Aesthetically pleasing

Applications:
Internal & External Doors
Loading Doors
Factories
Warehouses
Distribution Centres
Supermarkets



Rollashield CD is a unique space-saving industrial door which combines the insulation and airtightness of a sectional door with the headroom requirements of a roller door. The doors stack at the head of the opening with smooth and quiet operation, they can be specified for high use openings.

The Rollashield CD stacks at the head of the opening, this helps to overcome common issues with rolling and sliding doors. The doors offer a high level of insulation performance and security as well as being simple to fit into a wide range of building designs with minimum steelwork or structural requirements.



Rollashield CD doors are quiet to operate and low-maintenance. The doors are electrically operated via high-performance industrial motors and have a range of safety features including fall-safe devices and manual overrides. A wide range of control options can be specified to maximise the doors usability.



The 40mm insulated panels offer a U-Value as low as 0.76 W/M2K and sound reduction of 20 dB as well as tested air permeability and water penetration of Class 2. Security performance is excellent with an automatic anti-lift locking device. The composite insulated panels are available in eight standard colours or can be painted to a wider range of RAL colours to blend with the buildings architecture. It is also possible to supply the doors with a range of vision panels including slim aluminium frames which provides an attractive choice for vehicle showrooms.

Rollashield CD Compact Stacking Sectional Doors

The Rollashield CD is a unique space-saving sectional insulated door which helps to reduce common issues with head and sideroom.



Function	Standard	Optional
Maximum opening/closing speed	150mm to 200mm/second	Upgraded motor to provide speed of 310mm/second (maximum door weight of 240kg)
Maximum width	8000mm	
Maximum height	7750mm	
Curtain thickness/weight	40mm thick/4.5 kg/m ²	
Internal colour	RAL 9002	
External colours	RAL 3002; RAL 5010; RAL 5017; RAL 6005; RAL 7016; RAL 7032; RAL 9002; RAL 9006	Painted to any RAL colour
Motor	60% switch duration, 400V motor with 5 pin plug, side mounted, IP-54 rated	100% switch duration Top mounted Front mounted Upgrade to IP-65
Control panels	Wall-mounted control panel with protective plastic cabinet and digital limit switches	LCD monitor allowing greater configurability including traffic lights, auto-timed-close, etc Upgrade to IP-65
Door frame	Top, bottom and side seals	
Guides	Galvanized steel	Powder coated
Power Supply	400V, 3-phase supply terminating in a 5-pin commando socket 16 amp	
Hood cover	Not included	Optional, maximum width 5000mm
Motor cover	Not included	Optional
Safety features	Cable tension detection and cables with safety factor 6 Fall-safe device Automatic locking system Rails with finger protection and warning stripes	Bottom safety edge Safety photocell Light curtain Warning flashing beacon
Vision windows	Not included	Rectangular (680x370mm) Oval (725x325mm) windows Full width vision
Construction of windows		Double-glazed acrylic or Lexan panels (17mm) 4mm single-glazed safety glass Aluminium sandwich panel Single-glazed acrylic or Lexan panels (4mm)
Timed close	Not included	Optional
Emergency opening	Manual hand crank	Manual hand chain
Controls	Deadman control with push buttons	Remote control Key switch Pull switch Summer/winter switch Radar motion sensor Pin code unit
Insulation value	U-value 0.76 W/m ² K	Double-glazed windows 2.8 W/M ² K
Sound reduction	20 decibel (dB)	
Wind Resistance	Class 3 (up to 5000mm wide)	Class 2 (up to 6500mm wide)
CONFORMITY	Water Penetration: Class 2 Air Permeability: Class 2	