

Product Specification: Thermaspeed

Product application: Industrial and Chill high traffic application

Key features:

Opening speed: Up to 2.0 m.s⁻¹

Closing speed: Up to 2.0 m.s⁻¹

Leaf format: Single curtain vertical rapid roll

Support frame: Heavy duty galvanised steel fabricated legs

Standard finish: Polyester powder coat RAL 3020 – Traffic Red

Other standard RAL colours are available

Stainless steel options are also available

Canopy: The door is fitted with a full width roller canopy finished to match the support frame

Motor Cover: Available as an option in a finish to match the support frame

Technical Data:

Curtain specification: 900gsm PVC coated woven polyester

Temperature resistance: DIN 53372 -36degC to +80degC

Low flammability: DIN 75200 <100mm/min

Standard colour: RAL 1003 – Signal Yellow. Other colours are available

Curtain features: CFC free, UV resistant

Integrated wind bars to ensure curtain integrity

Anti-wear pads on wind bar ends

Controls:

Controller type: Microprocessor based frequency converter with low voltage controls

Supply: 230V, 1ph, 50Hz, 16A (Class C MCB)

Local controls: 3-way pushbutton station (OPEN ~ E-STOP ~ CLOSE)

Closing: Automatically via inbuilt adjustable timer

Extendibility: Prepared to accept a multitude of inputs from induction loop detectors, motion detectors, pull cords, pushbuttons etc.



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Cabinet:	GRP IP55
Motor power:	High efficiency 1.0 or 1.5kW drive unit
Motor gearbox:	Specifically designed for use on high speed doors with an integrated safety gear and anti-fall device
Gearbox features:	Robust low maintenance drive unit with integrated absolute encoder for accurate positioning Self-adjusting motor brake with universal mounting either right hand or left hand of the door
Manual operation:	Hand crank applied to the rear of the motor to wind the door fabric
Optical safety:	Retro-reflective optical beam across the width of the door
Safety edge:	Conductive rubber wirelessly connected self-monitoring safety edge across the bottom beam of the door
Fault mode operation:	The door control automatically switches to 'dead-man' operation if a safety device fails
Standards:	The door complies with the requirements of EN 13241-1
Bottom beam:	Should the bottom beam be struck by a vehicle and displaced from the side guides the displaced curtain and beam is automatically fed back into the guides on the next opening cycle

