

TEKTA™ THERM

Thermashield SL Sliding Doors

- Superior insulation performance
- Hygienic and corrosion-resistant
- Reliable, user friendly operation
- High quality, durable ironmongery

Applications:

Cold stores
Freezer rooms
Internal & external doorways
Food & drink factories
Pharmaceutical factories
Clean rooms



Thermashield SL insulated sliding doors are specially designed for cold rooms and freezer rooms to help minimise energy costs. The range offers optimum performance in terms of: insulation; durability; and ease of use with purpose-built frames, tracks and ironmongery. The doors help maintain excellent safety levels by reducing ice build-up around doorways and on the floor.

Both manual and electric models have a wide selection of ironmongery options available, so these doors can be suited to any application. Finishes include stainless steel, colour laminated and various colour coatings. The doors have full perimeter seals to ensure leakage is minimised and are also available with heated thresholds for freezer room applications.

A choice of track is available including a unique system where the hard-wearing HDPE track doubles up as the door frame. Other track options include enclosed stainless-steel hygienic systems and options to facilitate crane hoists and conveyor systems.

The door leaves are constructed from rigid steel panels filled with high-density PU foam (CFC-free) for maximum energy-saving capability. The doors have frames which can be constructed from extruded thermoplastic, PU foam-filled (CFC-free) steel or stainless steel to suit the wall construction and maximise the doors suitability for the environment.



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Function	Standard	Options
Leaf thickness	40mm	80mm / 120mm
Fire Rating	30min	60min /90min
Leaf surface	Painted steel in the following colours; RAL 1021; RAL 3000; RAL 5010; RAL 7035; RAL 9001; RAL 9002; RAL 9006; RAL 9010	Lacquered steel in RAL 9001 Stainless steel in the following variants: matt brush; circular brush; strip finish Special colours on request
Maximum width	3000mm	Special sizes on request
Frame construction	Thermotec composite profile covered with painted/lacquered/stainless steel to match door finish	
Track construction	Options include; <ul style="list-style-type: none"> • A hard-wearing HDPE track which doubles up as the door frame • Enclosed stainless-steel hygienic systems • Options to facilitate crane hoists and conveyor systems. 	
Vision windows	None	Double glazed units in a variety of sizes (not advised for cold rooms)
Operating temperature	Ambient down to -28°C	
Ironmongery	Stainless-steel pull handles	Recessed pull handle locks Alternative styles of breaker handle
Installation variants	Masonry Concrete Insulated panels Timber frame	
Automation	Electric drive unit offering fast operation of 1300mm/second and utilising a stainless steel spindle drive. IP65 rated and complete with advanced control panel offering compatibility with a variety of safety and operation features.	
Locks	Keyed lock for manual doors Lock for automatic doors	
Safety (automated doors)	Light grid; flashing warning light; siren; traffic lights; photocells	
Activation (automated doors)	Radar sensor; pull cord; push button; magnetic induction loop; remote control; Interlocking	
Crash protection	1.5mm stainless steel impact protection plates	
Bespoke adaptations	Adaption for rail systems	
CE Marking	Yes	
Compliant to European Standard	EN13241-1, DIN4102 and DIN EN1634-1	