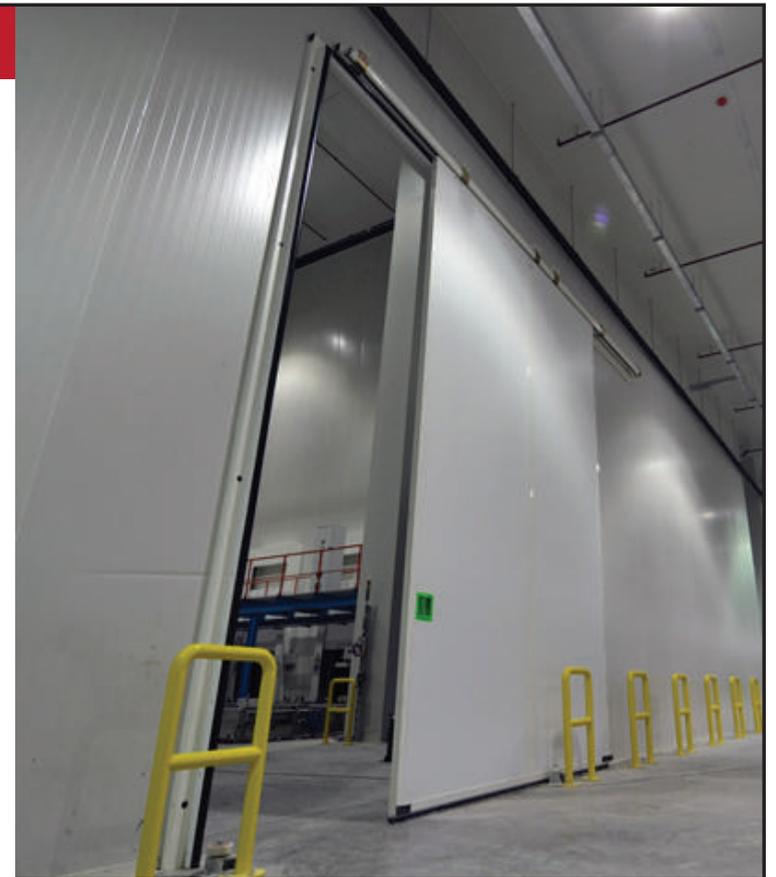


Product Specification: Thermaslide

Product application:	Our horizontal sliding doors are typically found in frozen food distribution applications but also in many cold stores as the low operating power requirements ensure the smallest carbon footprint possible.
Key features:	
Opening speed:	Single slide: Up to 1.0m.s ⁻¹ and Bi-parting 2.0m.s ⁻¹
Closing speed:	User variable to suit application
Track:	Heavy duty running gear with a twin wedge system to allow smooth high speed acceleration and deceleration
Seals:	Unique low friction seal system to enable minimal effort to open and close the door
Technical data:	
Panel thickness:	Generally 100mm to -23degC dependant on Δt Generally 150mm greater than -23degC dependant on Δt
Standard panel:	Polyester food safe laminate 25micron thick
Heating:	To door frame sections and to base of door leaf so that no civil works are required on the part of the customer
Control system:	
Controller:	Frequency converter with low voltage control circuit
Mains requirement:	230V, 50Hz, 16A type C MCB supply
Controls:	To suit application, standard 'OPEN ~ STOP ~ CLOSE' on controller fascia
Optional controls:	Pull cord, remote control, induction loop, truck automatic detection, pedestrian automatic detection, photocells etc.
Drive system:	
Motor gearbox:	Worm geared motor specifically designed for application on high speed sliding door systems
Gearbox features:	Robust low maintenance system with integrated positioning system. Low back-drive force requirement to ensure that doors can be manually opened or closed with minimal effort in the event of power failure



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Safety devices:

Safe edge:	Conductive rubber type self-monitoring wireless safe edge
Operation:	In the event of a safety device being tripped the door will revert to 'dead-man' operation
Standards:	In full compliance with EN 12453

Technical design:

Door speeds:	Our doors can operate at such high speeds due to the detail design that includes the twin wedge track system, lightweight panel construction system and low friction seal system. Our running trolley bearings are fully sealed with four bearings per trolley. This ensures smooth reliable trouble free operation in even the most arduous of environments
Manual doors:	Our manually operated doors benefit from the same high levels of engineering and use the same track and seal system as our automated doors. This ensures that even the largest of our cold store doors can be easily moved off and on its seals without the need for any excessive effort or special high leverage handles

Design flexibility:

Finish:	Every door we build is custom designed to meet application requirements and as such we offer custom sizes, custom colours and custom finishes
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