

TEKTA™ THERM

# Thermashield HD Hinged Doors

- Superior insulation performance
- High-grade perimeter seals
- Safe and user friendly
- Wide range of finishes
- High quality, durable

Applications:

Cold stores

Freezer rooms

Internal &amp; external doorways

Food &amp; drink factories

Temperature-controlled

Warehouses



The Thermashield HD range of insulated hinged doors is specially designed for cold rooms and freezer rooms to help minimise energy costs. The range is designed to optimise performance in terms of insulation, durability and ease of use. Available with a wide selection of ironmongery options and hygienic finishes, these doors can be suited to any temperature-controlled application.

The door leaves are high-density PU foam-filled (CFC-free) for maximum energy-saving performance. The door frames can be constructed from extruded thermoplastic, PU foam-filled (CFC-free) steel or stainless steel to suit the wall construction and maximise the doors energy efficiency. Doors are available with optional leaf thickness from 40mm to 160mm for use in rooms with a desired temperature down to -40°C.

All door models are available in finishes including: stainless steel (smooth, circle brushed or line brushed); Galvanized and painted to a range of colours; or from Galvanized steel sheet in white laminate finish. These finishes offer superior performance in terms of hygiene and corrosion-resistance, allowing them to be completely cleaned down to meet strict hygiene regimes.

The doors have rising hinges to ensure a tight compression of the seals and help prevent wear on the bottom seal, resulting in excellent long-term insulation performance. A wide range of ironmongery is available, including panic escape bars and pressure handles.

# Thermashield HD Hinged Doors

Each door is designed separately to optimise performance in terms of insulation, durability and ease of use



Function	Standard	Options
Arrangement	Steel hinged doorsets for reveal fixing ( into insulated walls where applicable)	
Door leaf material		<ul style="list-style-type: none"> <li>• 0.8mm stainless steel</li> <li>• zinc coated galvanized 0.75mm</li> </ul>
Operation	Manual; heavy duty door closers and hold-open stays to each leaf	
Finish	Smooth, circle brushed, line brushed	
Core	CFC-free polyurethane	
Thermal performance	Minimum certified U-value to be 0.38W/m2K	
Configuration	Structural opening dimensions and number of leaves as per door	
Latching	Stainless steel handle and latch	<ul style="list-style-type: none"> <li>• Reverse side latch</li> <li>• latch with stainless steel handle with lock</li> <li>• without lock</li> <li>• handle with safe lock</li> </ul>
Vision panels		Optional
Leaf thickness	60mm or 80mm	Other sizes available on request
Material	Marine grade stainless steel	Galvanized zinc, coated steel painted or mixed
Hinges	Angular UP-DOWN hinges	<ul style="list-style-type: none"> <li>• Stainless steel</li> <li>• plastic hinges with steel inside</li> </ul>
Emergency escape Ironmongery	Emergency exit button latch	
Optional Equipment	<ul style="list-style-type: none"> <li>• Glazings,</li> <li>• steel covers of door niches or covering frames,</li> <li>• plastic door bumpers, stainless steel threshold,</li> <li>• special locks adequate for situational and customer requirements</li> </ul>	
Sealing	Two component gasket placed in special profile. Eliminates thermal bridge of door leaf.	
Kick plate	Stainless steel kick plate to closing side; stainless steel threshold	
Frame construction	Bespoke; each frame construction is dedicated to different walls and installation conditions.	