

COLD STORE DOOR

hinged,
two panel



Applications:

used in buildings where the required interior temperature is within a **0°C** to **+10°C** range



FIREsafe™


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Production details:



Door leaf

- ▶ 80 mm thick
- ▶ Galvanized steel covered with 25 µm PES coating in RAL 9002; protection foil
- ▶ Foamed-in-place polyurethane insulation of 40 kg/m³ density
- ▶ Rounding gasket to seal the contact point between the door leaf and the frame and the space between the door leaves
- ▶ Bottom gasket to seal the space between the door leaf and the threshold
- ▶ Possible unequal door leaf dimensions



Door frame

- ▶ Fitted onto the opening
- ▶ Galvanized steel covered with 25 µm PES coating in RAL 9002; protection foil
- ▶ Foamed-in-place polyurethane insulation of 40 kg/m³ density
- ▶ Double frame adapted to installation requirements (traditional / insulated panel walls)



Hinges and lock

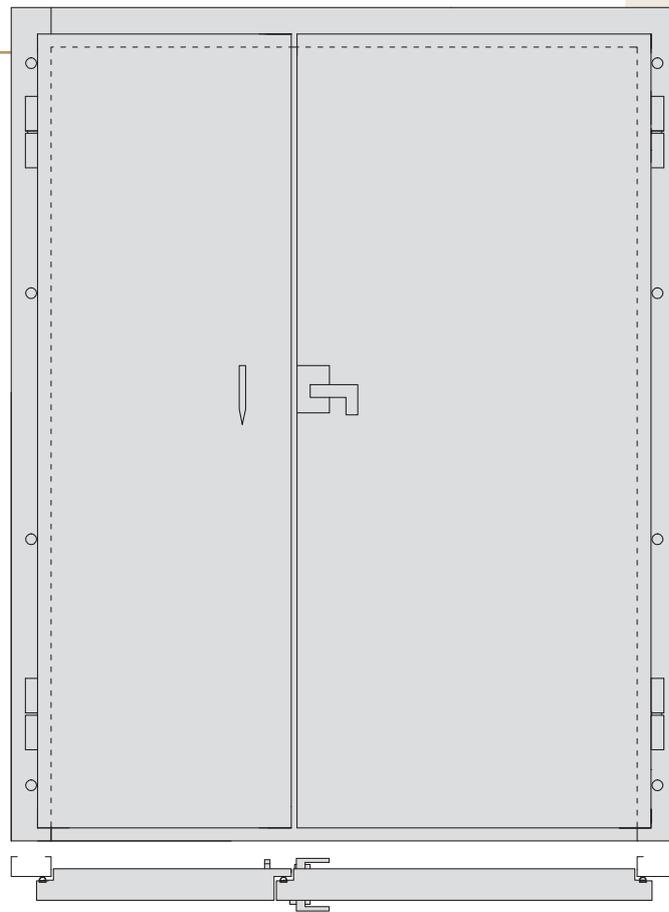
- ▶ Hinges provided by Fermod, French leader in hardware for refrigeration industry
- ▶ Rising hinges
- ▶ Locks provided by STUV, German leader in cold store door hardware
- ▶ Safety lock with key
- ▶ Door adjustment without disassembly



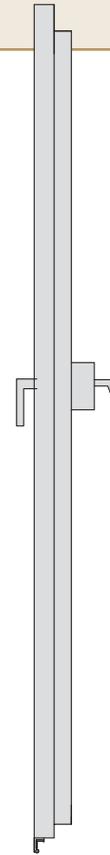
Standard dimensions range

- ▶ Min 1200 x 2000 mm
- ▶ Max 2400 x 2800 mm

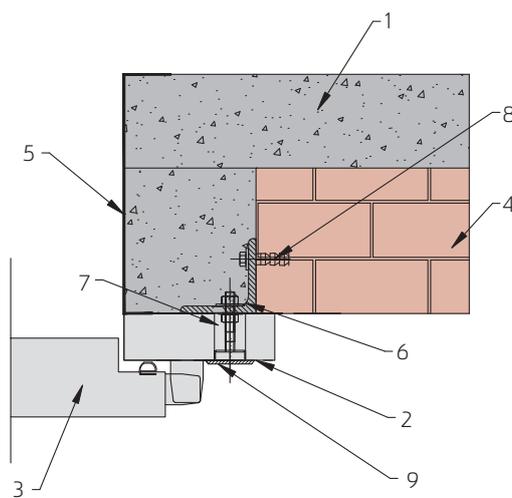
Assembly



Main view

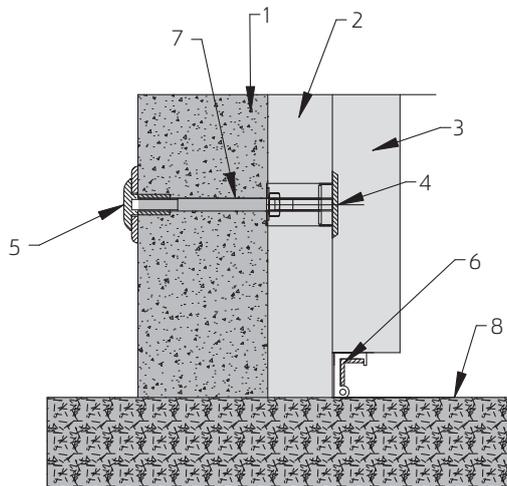


Traditional assembly (brickwork)
- insulated with composite panels



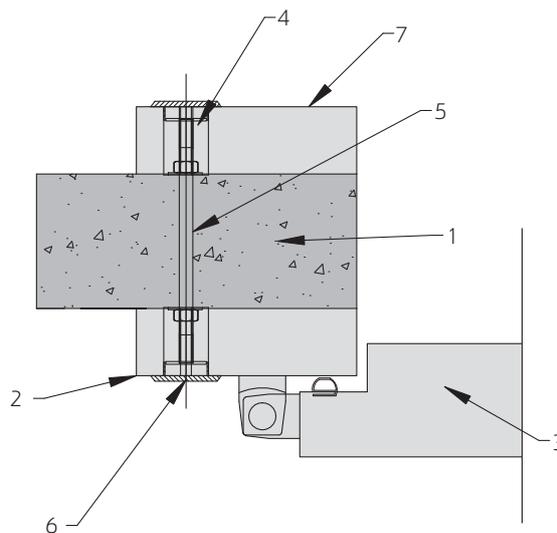
- 1 - Insulated wall panel
- 2 - Frame
- 3 - Door leaf
- 4 - Brick wall
- 5 - Flashing
- 6 - Angle bar 80x80x8 mm
- 7 - M10 type bolt with expanded washer
- 8 - Expansion anchor
- 9 - Plug

Assembly to insulated wall panel - threshold



- 1 - Insulated wall panel
- 2 - Frame
- 3 - Door leaf
- 4 - Plug
- 5 - Castel bolt
- 6 - Bottom gasket
- 7 - M10 metal rod
- 8 - "0" level

Assembly to insulated wall panel - double frame



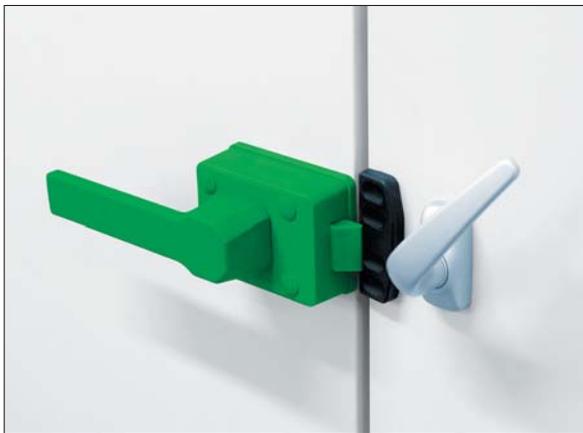
- 1 - Insulated wall panel
- 2 - External frame
- 3 - Door leaf
- 4 - Washer
- 5 - M10 metal rod
- 6 - Plug
- 7 - Internal frame



Safety lock



Hinge



Safety lock, interior



Passive leaf blockade



Locking element on the frame



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Options:

- ▶ Other colours from the RAL collection
- ▶ Foodsafe – a 150 µm thick, chemically inert coating for interior and food processing applications
- ▶ Stainless steel, smooth
- ▶ Stainless steel, grained
- ▶ Other, non-standard dimensions
- ▶ Steel threshold to accommodate floor level difference (interior/ exterior)
- ▶ Hinges provided by STUV
- ▶ Window
- ▶ Bumpers



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