

Assembly guide for cold storage panels

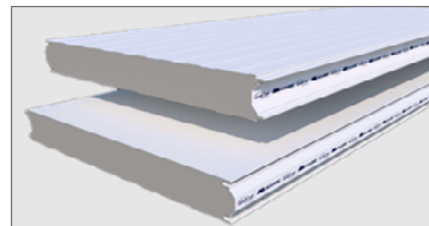
Insulation panels for walls and ceilings



General terms and conditions for the installation of cold storage panels

They apply the following panels:

- HI-F (HI-PIR F / HI-PIRM F)
- HI-F40 (HI-PIR F40 / HI-PIRM F40)
- HI-QuadCore 2.0 F
- HI-QuadCore 2.0 F40
- HI-QuadCore 2.0 FK
- HI-QuadCore 2.0 FK DUAL
- LR / LR DUAL



NOTE:

For DUAL panels with fire resistance requirements, please refer to the specific installation guide. If FM Approval installation is required, please refer to the relevant FM installation guide.

Product safety

Please refer to the information contained in the Product Safety Data Sheet.

Precautions

To prevent damage (scratches, dents, warping), wear rubber-soled footwear, remove any shavings after cutting, and do not place concentrated loads on the panels.

Protective film

It is crucial to observe the orientation of the faces (blue film and clear film) to ensure a uniform joint, even if the panel is symmetrical.

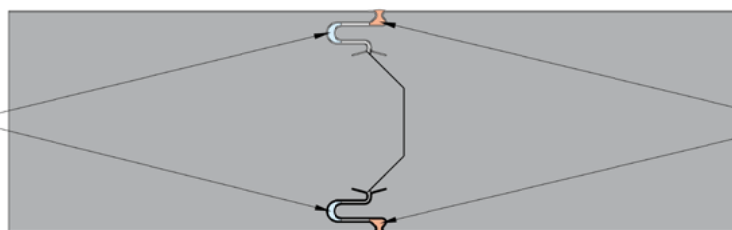
- The label on the packaging indicates the coating and colour of the film on each face.
- Remove the protective film completely as the panels are fixed to the supporting structure.

Construction solutions for cold storage panels

Recommended seals

The joints in the refrigeration panels are double tongue-and-groove (except for model F40, which is single tongue-and-groove) and must be sealed in accordance with the prevailing environmental conditions (please consult Huurre Ibérica).

Silicone cord
(if applicable)



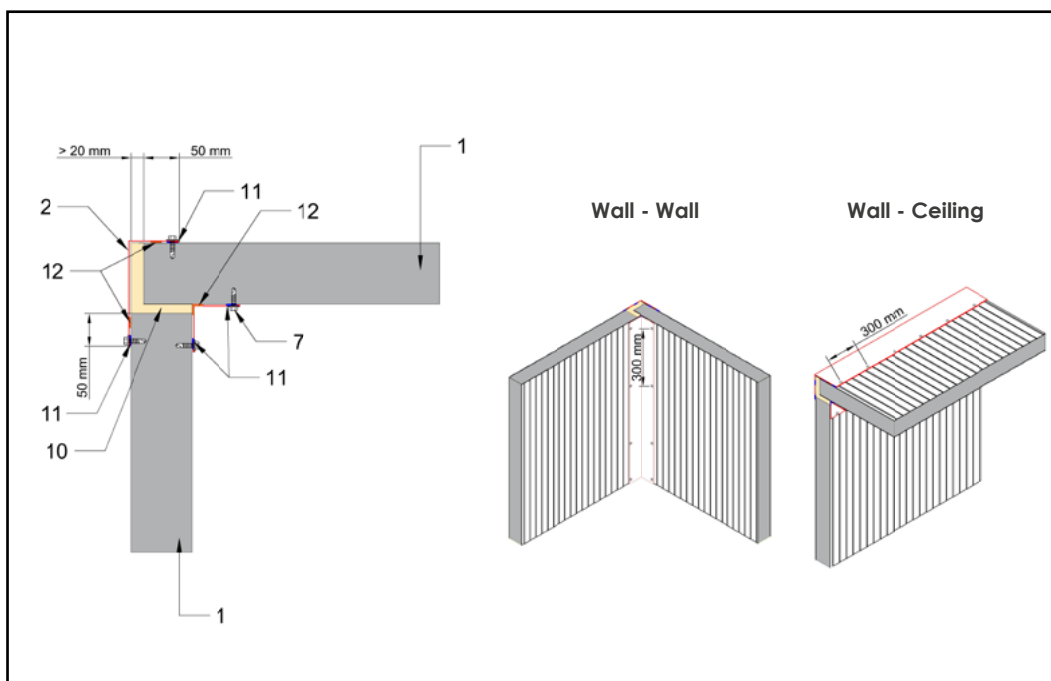
Butyl cord
(if applicable)

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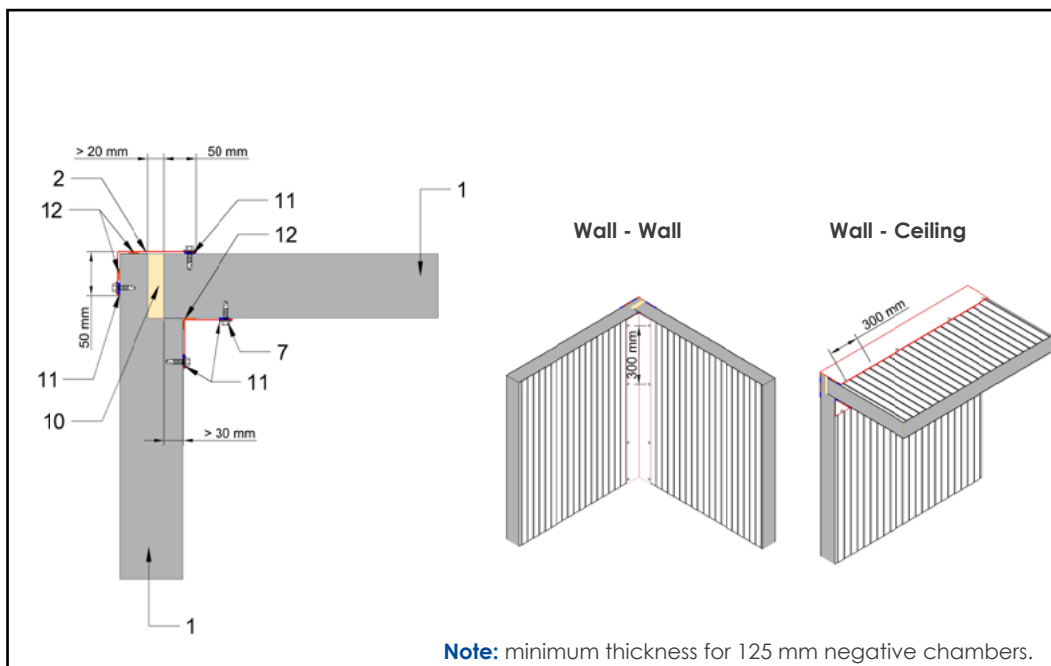
Assembly conditions



Joints between panels and walls or ceilings



Application: Positive-pressure, controlled chamber



Note: minimum thickness for 125 mm negative chambers.

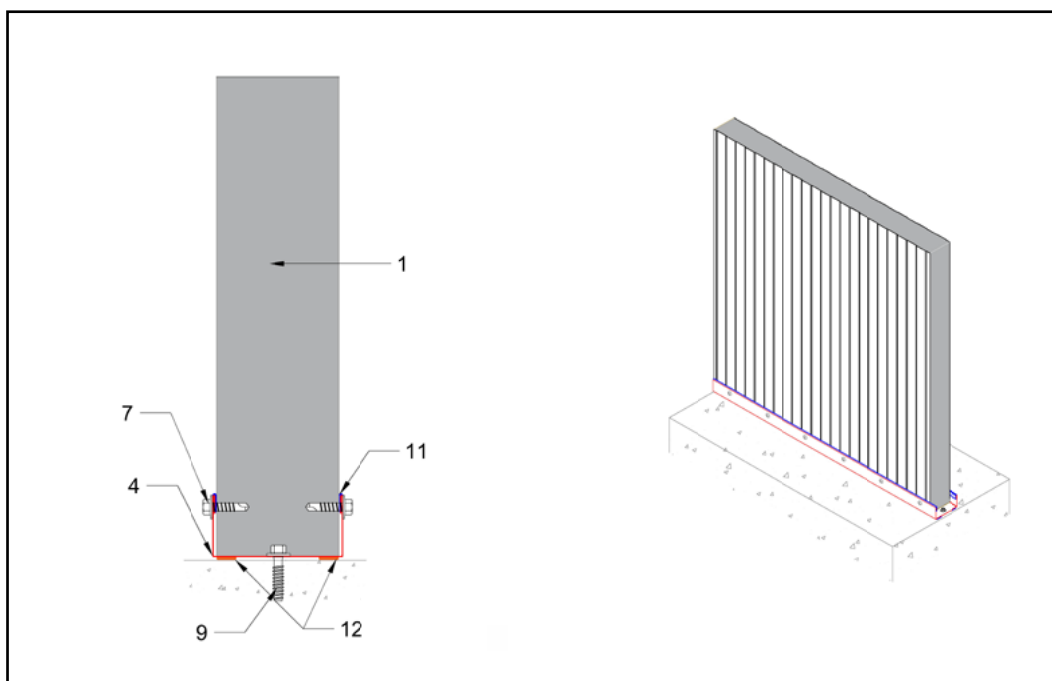
Application: Positive, negative and controlled chambers

Assembly guide for refrigeration panels

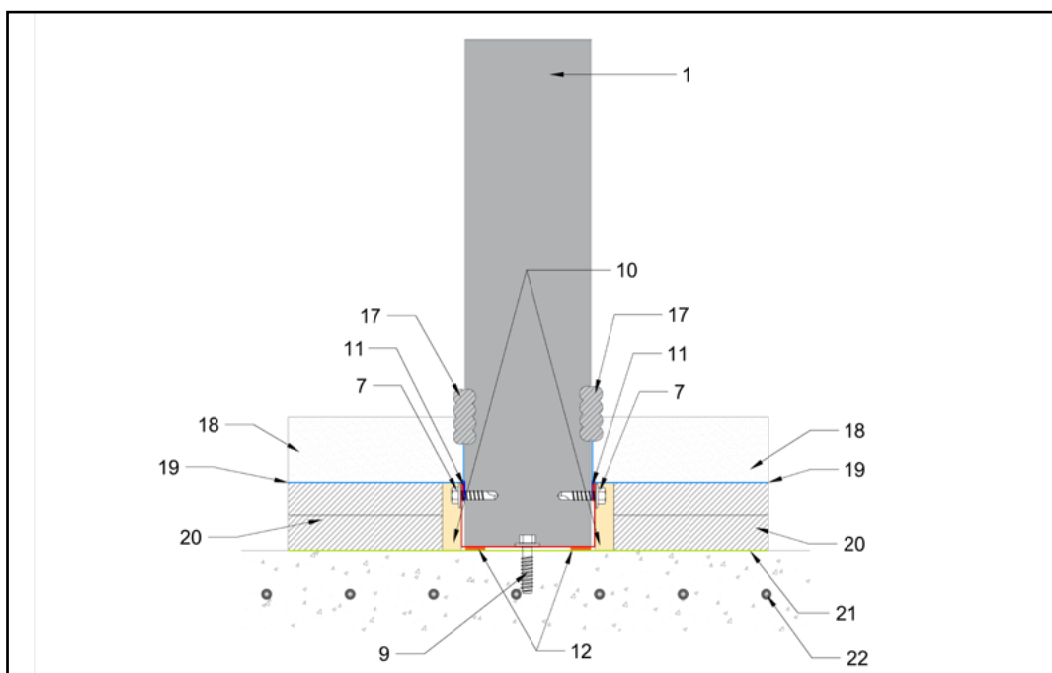
Assembly conditions



Panel joints with the floor



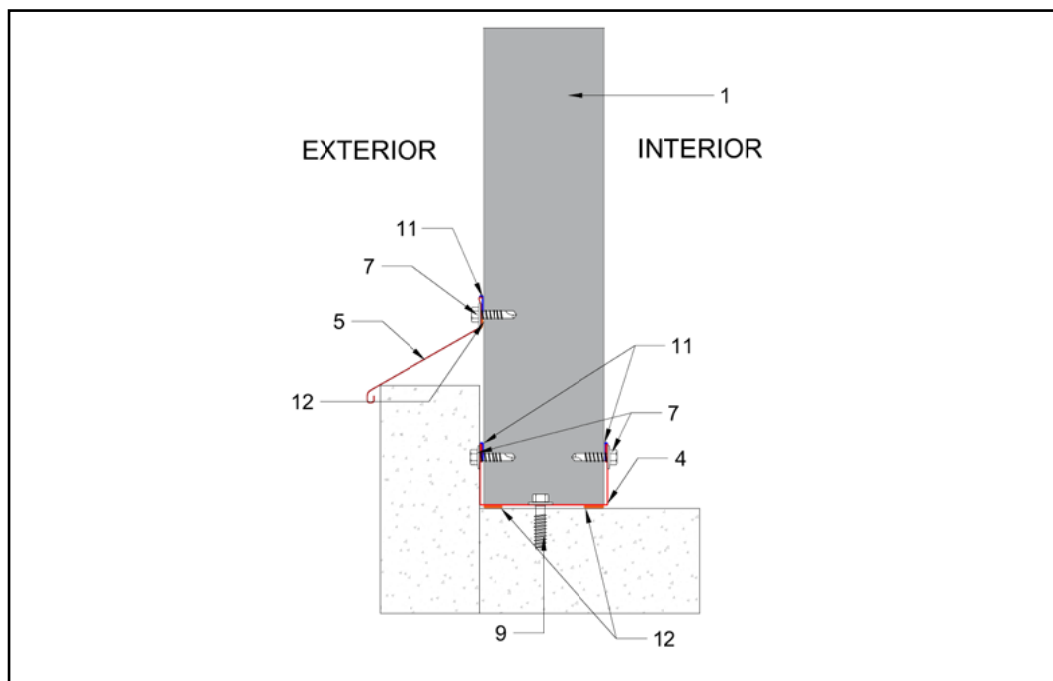
Application: Positive-pressure, controlled chamber



Application: Negative camera

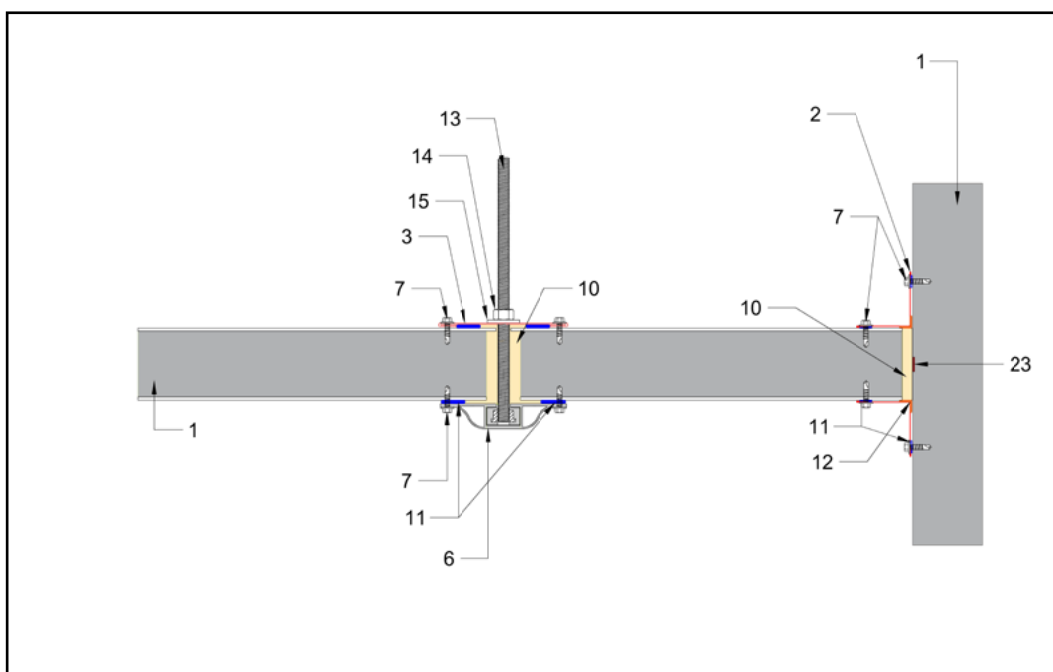
Assembly guide for refrigeration panels

Assembly conditions



Application: Positive-pressure, controlled chamber (rainwater filtration)

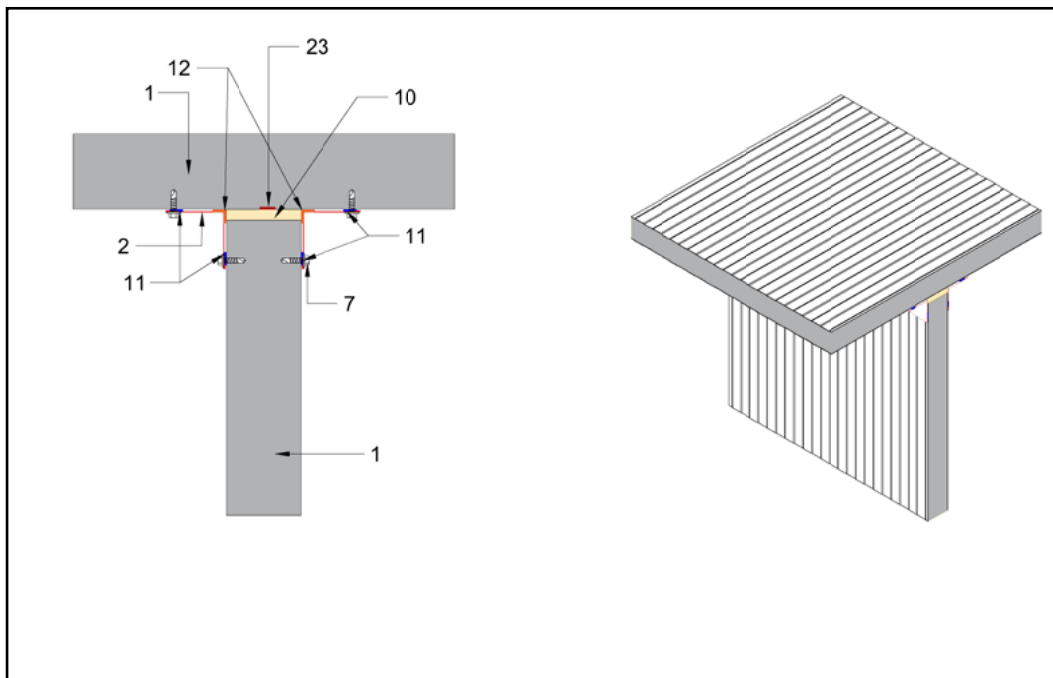
Ceiling panel joints



Application: Positive, regulated chamber

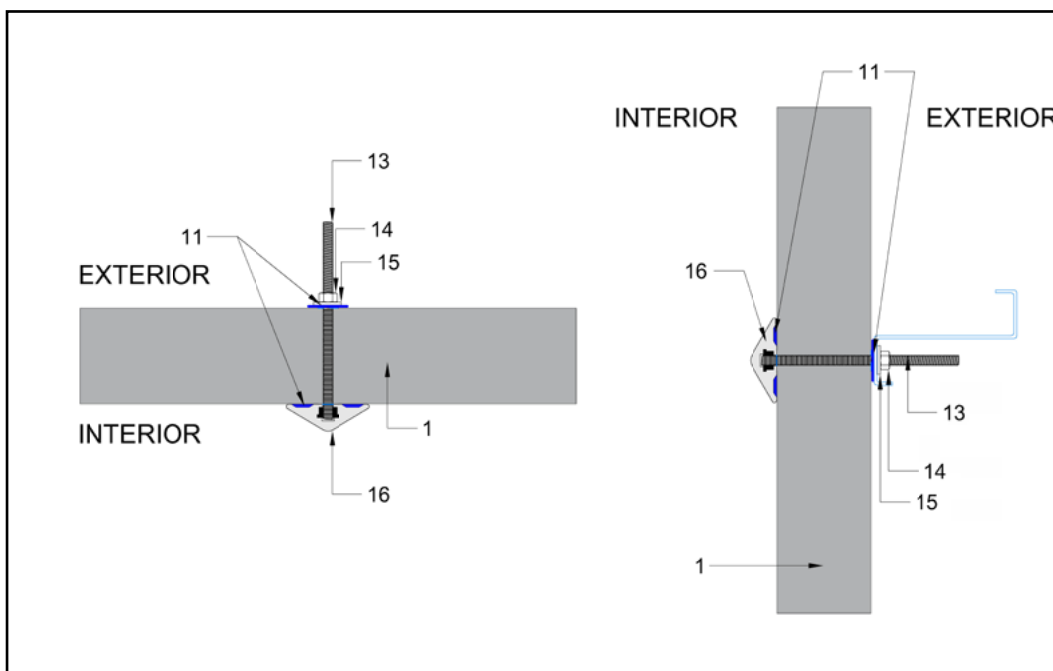


Partition walls



Application: Positive, negative and controlled chambers

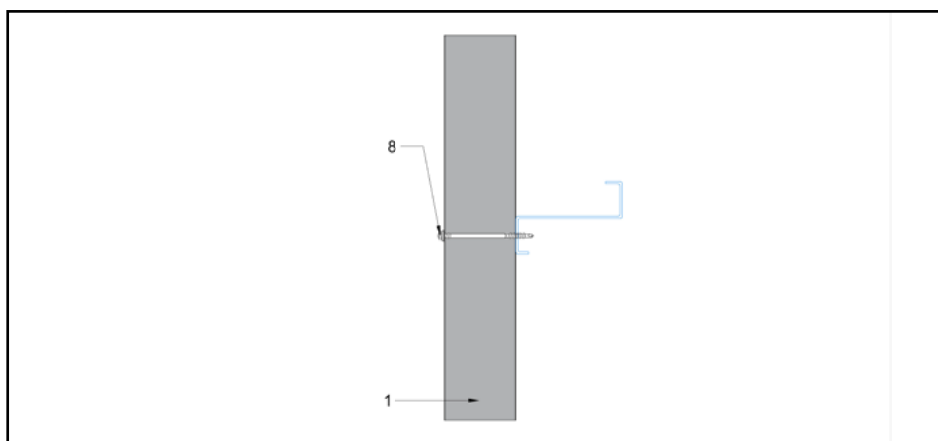
Other fixings



Application: Positive, negative and regulated chambers

Assembly guide for refrigeration panels

Assembly conditions



Application: Positive, regulated chamber

List of materials

Number	Material
1	Cold storage panel
2	L-shaped flashing (E: 0.6 mm, painted steel)
3	Straight flashing (E: 0.6 mm, painted steel)
4	U-shaped flashing (E: 1 mm, galvanised steel)
5	Rain flashing (E: 0.6 mm, painted steel)
6	T-shaped flashing (aluminium)
7	Self-tapping screw
8	Long self-tapping screw
9	Concrete screw
10	Injected polyurethane
11	Silicone sealant
12	Butyl sealant
13	Steel threaded rod
14	Steel nut
15	Steel washer
16	Chinese fastener
17	Additional sealing
18	Flooring
19	Retaining barrier
20	Two-layer laminated floor insulation
21	Vapour barrier
22	Underfloor heating
23	Panel sheet cut-out

NOTE:

- The dimensions of the trims vary depending on the panel specifications.
- L-shaped trims come in different lengths and thicknesses depending on their application.

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