

Insulated Panels
Poland, Lithuania, Latvia, Estonia, Ukraine

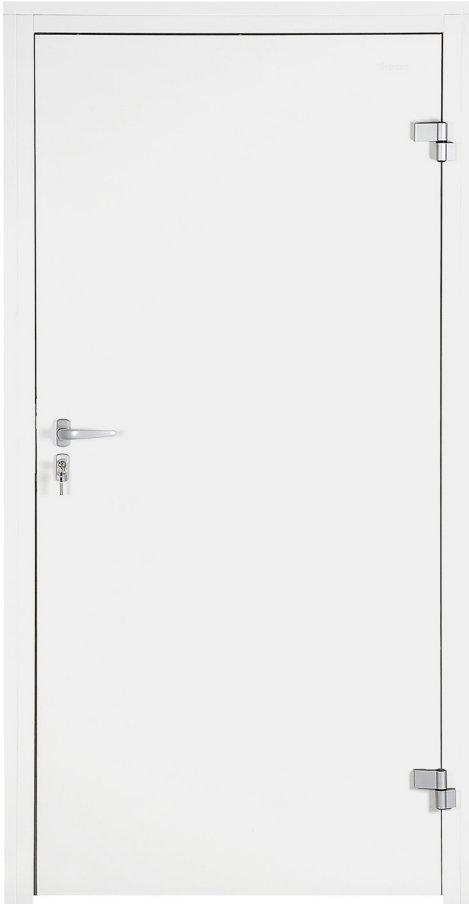
Kingspan

DOH1

Service doors (hinged)

Service doors (hinged, single leaf) for use indoors and outdoors, subject to the use of a hood +10°C.





Technical information:

Temperature range:

- Service door: can be used as interior door and external (provided that a drip over door): from -10°C to above + 30°C

Door leaf:

- Door leaf thickness: 35mm
- Galvanized steel covered with 25 µm PES coating in R9002/R9010; protection foil.
- Possibility to use other material, e.g. INOX stainless steel, Foodsafe chemically inert coating with a thickness of 150 µm for interior and food contact applications, etc.
- Foamed-in-place polyurethane insulation of 42 (+/- 2) kg/m³ density
- Rounding gasket to seal the contact point between the door leaf and the frame.
- Bottom brush gasket
- Optionally, it is possible to install a plexiglass window with dimensions of 300x700 mm, but only if the doors are installed inside the building.
- Optionally, you can also install: door closer, bump stops plastic, anti panic bar, etc.

Door frame:

- Fitted onto the opening.
- Galvanized steel covered with 25 µm PES coating in R9002/R9010; protection foil.
- Foamed-in-place polyurethane insulation of 50 (+/- 2) kg/m³ density
- One-sided for traditional assembly.

Hardware:

- Hinges provided by FAPIN.
- Lock with key by GERDA.

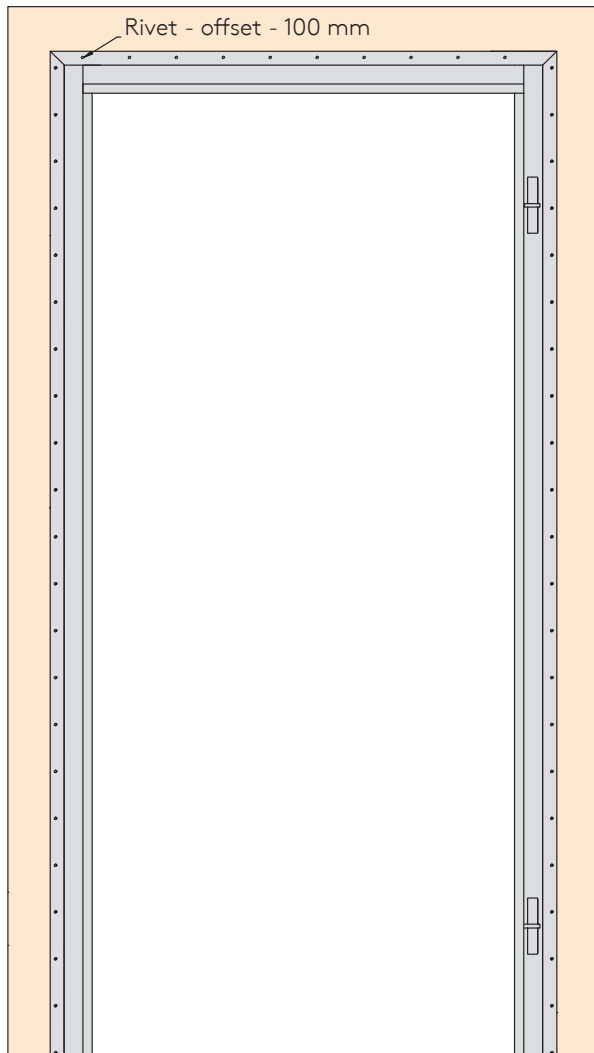
Standard dimensions range:

- min.: 700x2000 mm
- max.: 1200x2200 mm
- Dimensions other than standard.

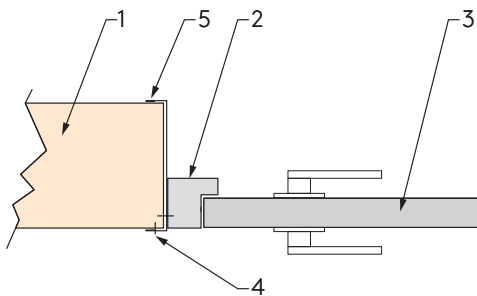
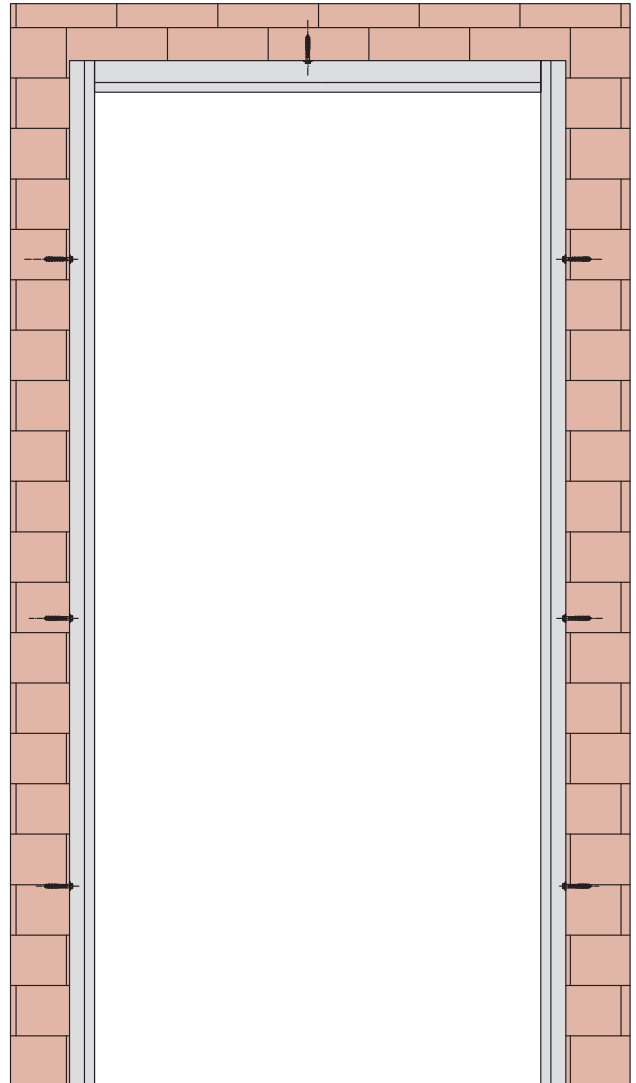


Drawings of installation:

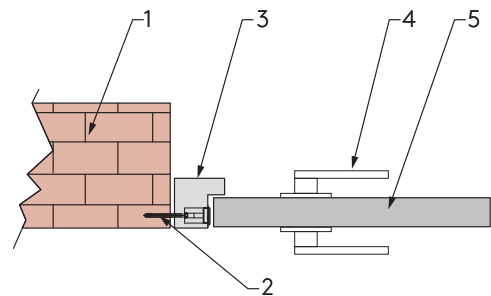
Assembly in to panel



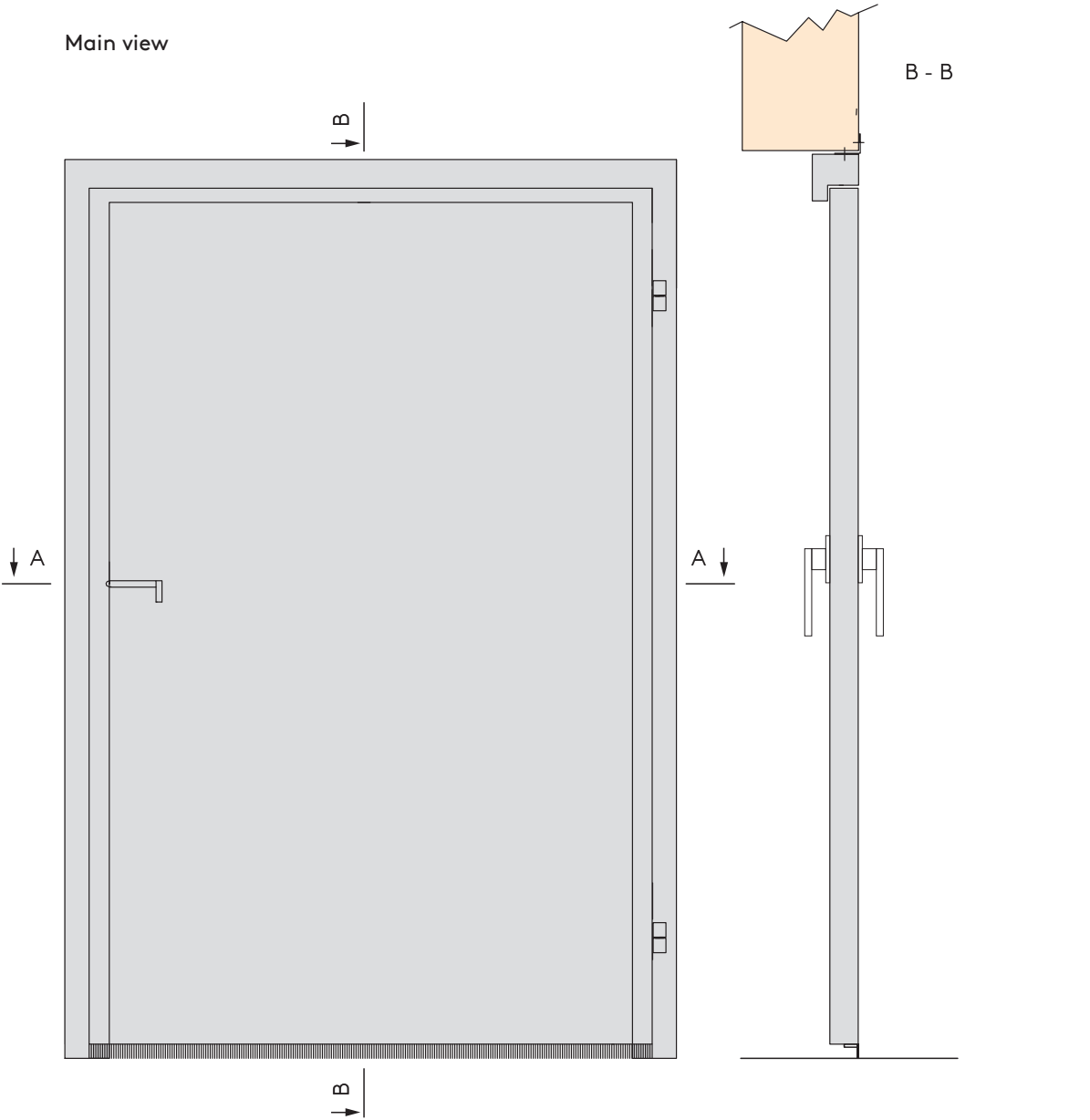
Assembly in to wall



- 1 - Insulated panel
- 2 - Frame
- 3 - Door leaf
- 4 - Assembly flashing
- 5 - Cover flashing



- 1 - Wall
- 2 - Metal anchor bolt
- 3 - Frame
- 4 - Handle
- 5 - Door leaf



Installation guide:

1. Unpack doors.
2. Read a product description and compare it with your order and goods that have arrived to you (width, height, opening direction).
3. Check dimensions of an opening in a wall with the ones recommended by a producer.
4. Clean and smooth edges and surfaces of the opening.
5. Check the floor level at the area of a leaf revolution.
6. Take the door leaf down a frame and remove a technological beam.
7. Put the frame temporarily in the chosen opening in the wall and immobilize it.
8. Correct the initial arrangement of the frame in the opening and immobilize it with quick installation handles.
9. Indicate and make installation holes for screws (installation to panels) or anchors (installation to brick wall).
10. Install flashings in case of installation to panel.
11. Put the frame in the prepared place and immobilize it with quick installation handles.
12. Check the horizontal and vertical level of the frame and regulate it if necessary.
13. Check how the leaf closes and opens in the frame - depending on the situation, regulate it.
14. Tighten screws to install the arms of the frame.
15. Fill in a gap between the frame and the wall (the frame and a panel) with silicone.
16. Cover installation holes.
17. Remove protective foil from the leaf surface directly after the installation.

Maintenance

Recommendations::

- At least twice a year you should smear lubricant on all hinges and a lock.
- At least twice a year you should preserve gasket with a substance for sealant preservation.
- You should fill in a loss of lacquer or zinc layer (which has been caused by scratches) to prevent the product from corrosion. Losses should be filled in with commonly-used anticorrosion paints.
- For door should not act directly to weather conditions (rain, snow, sun) and should be protected at least a roof that protects for mention conditions.

Transport and storage of doors

- You should exercise extreme caution while door transport and storage.
- Loading room should be clean and no sharp elements should stick out of the floor and walls to prevent doors from damage.
- Doors for transport (storage) should be laid vertically (separately) or horizontally – maximum 5 layers separated with a protective separator (standard-sized doors are packed in a carton box). In cases of big-sized doors, transport and storage should be arranged on a special rack.
- In the case of large doors, transport and storage should take place on special stands..
- During loading, the doors should be set so that the plane of the wings is parallel to the longitudinal axis of the vehicle.
- Doors that have been loaded on a truck should be belted to the vehicle in such a way that stability is ensured and goods are prevented from movement and damages during transport.
- Doors packed on a pallet should be stored and transported in such a way, with the difference that the pallet with the door can be moved and loaded with a forklift.
- Storage place should be dry and airy; apart from this it should shelter doors from rain, snow and sunlight.

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Issue: 05/08/2025 (v3)

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