

PROCESSING GUIDELINES FOR IKO ENERTHERM STEEL FRAME

Storage

The insulation boards should be stored in such a way as to prevent damage. The boards also need to be protected from the weather.

Application

IKO enertherm STEEL FRAME

Installation procedure

Prior to installation, ensure the timber studs are dry, sound and free from contaminants.

STEEL FRAME WALL (SFS)

Installation details

- Install the steel stud framework in accordance with the manufacturer's instructions.
- If necessary, trim the IKO enertherm insulation boards to a width and height to ensure that the edges are fully supported by the frame studs or the horizontal runners.
- Trim boards to fit around the window and door openings.
- Any gaps between the insulation and framing should be filled with expanding polyurethane foam.
- Place the boards directly against the external face of the steel frame and temporarily fix with suitable self-tapping screws and washers.
- Adjacent boards must be tightly butted to minimise heat loss
- Where the frame is to be faced with brickwork, place wall tie retaining channels over the boards at stud positions and fix through the insulation into the studs with fasteners as recommended by the channel manufacturer
- Construct the brickwork facing incorporating twist-in ties at recommended intervals.
- Where cavity fire barriers are required by National Building Regulations, they should be installed in line with the manufacturer's instructions.

SITE WORKING PRACTICE

At the completion of each day's work, or whenever work is interrupted for extended periods of time, board edges and joints should be protected.

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