

CEMENT FACED BOARD

DESCRIPTION:

Heat-insulating, waterproof, fire-resistant, frost proof, vapour diffusive, non-rotting carrier plate with high compressive strength made from extruded rigid polystyrene foam with textile glass mesh reinforced special mortar coating. On screeds, concrete or other substrates, the board is to be glued over the entire area and it must be flush and without cavities. Additional anchoring or bolting is required on wooden substrates.

Processing: Recommended tool: jigsaw, rip saw, cutter knife.

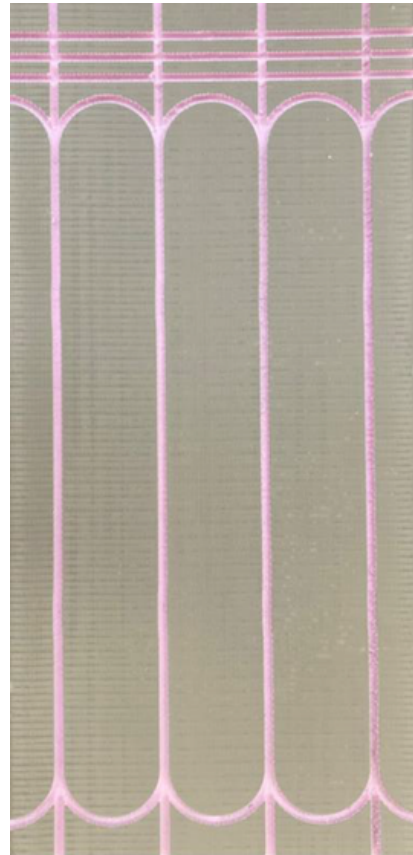
TECHNICAL DATA:

- 1200 x 600 x 20mm as standard
- Routed at 150mm centres for 12mm pipe
- Compressive strength 0.25 N/mm²
- Thermal conductivity 0.035 W/mK
- Thermal expansion coefficient 0.07 mm/(mK)
- Water absorption less than 1.5 % vol.
- Tested in accordance with (standard, classification etc)
- Contains no chlorofluorocarbons (CFCs), HCFCs, HFCs or HBCDs.
- Fire behaviour: Class E EN 13164

SUITABLE SUBSTRATES:

Concrete, Cement screed, Anhydrite screed, mastic, asphalt & Plaster Tiling System: Lime-cement plaster, Masonry, Gypsum plasterboards, smooth concrete, aerated concrete, wooden substrates

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".



ENVIRONMENTAL INFORMATION:

- Do not install at temperatures below +5 °C
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- The ideal relative air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting and hardening.
- Ensure sufficient ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect from direct sunlight, wind and weather! - Protect adjacent components!

STORAGE:

- To be stored flat irrespective of their thickness.
- Must be protected against direct sunlight and moisture.

INSTALLATION

Timber Base: For applications onto timber, the panels should always be fixed with mechanical fixings and washers. Fixings should be of a suitable length for the application.

Concrete Base: Boards laid directly onto concrete should be adhered with a bed of combed tile adhesive (S1 or equivalent). On occasions, mechanical fixings will also be required depending on the substrate.

Finishing: For most applications, an additional board is not required, and flooring can be layered directly onto the upper surface. Wood flooring products should be applied using a suitable underlay as per manufacturer's instructions. Flooring grade tiles can be laid on a suitable combed tile adhesive layer. Other finishes may require a separating layer prior to their installation.

Suitable For: Cement Faced UFH Board is suitable for new build or retrofit installations and is normally available from stock.