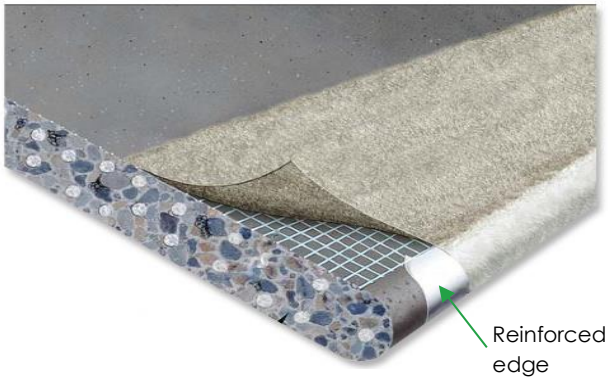
PERMABASE fibre-cement board

The PERMABASE Cement Board is a rigid substrate made of Portland cement, aggregate and glass mesh that provides an exceptionally hard, durable surface that can withstand prolonged exposure to moisture.



Double-wrapped edge with EdgeTech technology allows for closer fastener application of nails or screws at the edge without crumbling or spin out. Homogeneous core has fewer voids and provides a quite easy and clean score and snap. PERMABASE is impact resistant, extremely durable, and dimensionally stable. It has excellent overall flexural, compressive, and tensile strength characteristics.

Standard Classification:

In compliance with EN 12467:2012

CE 17

Advantages and properties:

- ✓ Homogeneous core for easier and more precise cutting with a utility knife;
- ✓ Easy and quick installation – no special tools are required;
- ✓ Extremely resistant to weather conditions – rain, snow, low and high temperatures;
- ✓ High levels of moisture resistance – prolonged contact with water does not destroy them or make them swell;
- ✓ Suitable base for different types of ceramic coatings.

Technical Data:

Board dimensions	
Thickness	12.5 mm
Width	1200 mm
Length	2000 mm
Edge	Square (SK)
Board weight	~ 13 kg/m²
Technical characteristics	
Flexural strength	5,17 MPa
Compressive strength	15.51 MPa
Reaction to fire	A1
Water absorption	< 8 %
Thermal conductivity, λ	0.37 W/ (m.K)
Freeze/Thaw (cycles)	100

Application:

Exterior application:

- ✓ Substrate for facade linings
- ✓ Substrate for stone and clinker casings
- ✓ Substrate for outdoor floor coatings
- ✓ Building a substrate for outdoor workspaces

Interior application:

- ✓ Walls of shower cabins and lining of bathtubs
- ✓ External lining for jacuzzi
- ✓ Wall linings in steam baths and saunas
- ✓ Perfect base for floorings in all rooms of the house

Edges:

The squared edges (SK) allow easy filling of the joints with a suitable cement joint filler and reinforcing mesh, thus ensuring the flatness of the entire surface of the facade wall.



Recommendations:

- ✓ Except for the standard tools for dry construction, no use of special operation tools is required.
- ✓ The sheathing with PERMABASE does not provide a finished surface resistant to weather conditions for a long period of time.
- ✓ After installing the boards, it is advisable to skim completely by using cement adhesive.
- ✓ Construction engineer is responsible for executing the specific requirements regarding distances between profiles, type and distances between screws which have to ensure strong and wind resistant structure.

Storage:

- ✓ Store the pallets indoors to protect them from rain, sun and other adverse weather conditions.
- ✓ It is allowed to place a maximum 4 pallets one over the other for storage purposes.
- ✓ Product quality is guaranteed only when the product is stored and used correctly.

Board thickness	Boards / Pallet
12.5 mm	40 pcs (96 m²)

Safety recommendations:

- ✓ Product not classified as hazardous.
- ✓ The use of safety gloves, mask and googles is strongly advisable when working with this product, in prevention from physical harm and dust particle inhalation.

Technogips Pro reserves the right to change any of the specifications and technical data mentioned in the Technical Data Sheets at its sole discretion without prior notification. *2024©*