

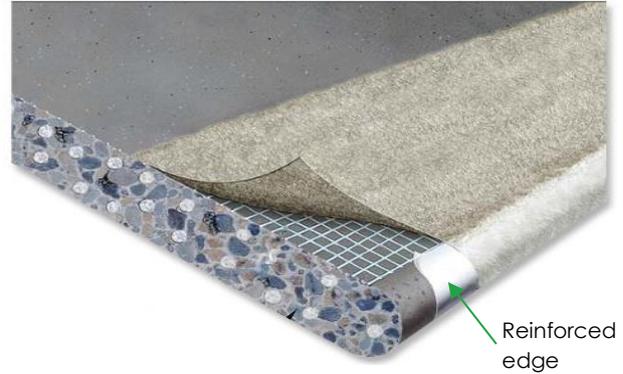
TECHNICAL DATA SHEET

PERMABASE cement fiber 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 is able to 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 very 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



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)
Pack size	
Boards per pallet	40 (96 m ²)
Board weight	~ 13 kg/m ²
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 m ²)

Safety recommendations:

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

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