



PERMAROCK® Cement Board Indoor

An ideal backing board for wet and humid areas

Physical properties

Length (mm)	3000
Width (mm)	1200
Thickness (mm)	12.5
Min. bending radius (m)	1
Weight (kg/m ²)	approx. 11
Dry bulk density (kg/m ³) according to EN 12467	approx. 750
Bending strength (MPa) according to EN 12467	≥ 7
pH-value	12
Building material class according to AS 1530.1-1994	NOT deemed COMBUSTIBLE
Linear moisture movement 30% to 90% humidity (23±2 °C) according to EN 12467	L _m = 0.0606%
Water vapour diffusion resistance according to DIN EN ISO 7783	μ = 25
Thermal conductivity (dry) according to DIN EN 12664	λ _{10,r} = 0.1509 W/(m·K)
Thermal conductivity (wet) according to DIN EN 12664	λ _{23/80} = 0.188 W/(m·K)

Description

PERMAROCK® Cement Board Indoor is a solid, durable backing board for interior use. It is made of aggregated Portland cement with coated glass fibre mesh embedded in back and front surfaces.

The ends are cut square and edges are reinforced for extra strength (the Easy-Edge®). The panel is 100% water-resistant and resistant to mould and mildew. It is NOT deemed COMBUSTIBLE according to the test criteria specified in Clause 3.4 of AS 1530.1-1994.

Application

PERMAROCK® Cement Board Indoor is used for construction of indoor walls and ceilings.

Here, it serves as a substrate for tiles or other finishing options.

Characteristics

- Backing board for wet and humid areas
- Backing board to accept proprietary finishing system such render or painted
- 100% water-resistant
- Resistant to mould and mildew
- Strong, robust, impact-resistant
- Can be cut to shape using “score and snap” techniques
- Simple and easy to install
- Can be bent when dry - up to 1 metre bending radius

Handling and installation

PERMAROCK® Cement Board Indoor is horizontally attached to a vertical stud frame. In addition to horizontal mounting, vertical mounting is also possible. Depending on requirements, it is possible to use single or double-layer system or a combination with other Knauf plasterboard products.

Two types of joint treatment: joints are formed using the Knauf Joint Adhesive (PU) or proprietary jointing system as specified by finishing system supplier.

Stud spacing wall: max. 600 mm

Support profiles ceiling: max. 300 mm

Please refer to the installation recommendations.

Transportation and storage

Always carry boards upright using a board trolley or on a pallet using a forklift truck. When setting the boards down, make sure that corners and edges are not damaged.

The supporting surface must be able to carry the weight of the boards. A pallet of PERMAROCK® Cement Board Indoor applies a load on the floor of about 700 kg to 2250 kg (as delivered).

Store boards horizontal and flat. PERMAROCK® Cement Board Indoor must be protected from the effects of moisture and weather before installation. Boards that have become damp must be laid flat and dried on both sides before use.

Allow time for the boards to acclimatise to the ambient temperature and moisture conditions before installation. The material, ambient air and background temperature must not be below +5 °C.

Method of delivery

		w x l (mm)	Item code
Boards/pallet	45 pieces	1200 x 3000	40007472
Surface/pallet	162 m ²	1200 x 3000	40007472



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