

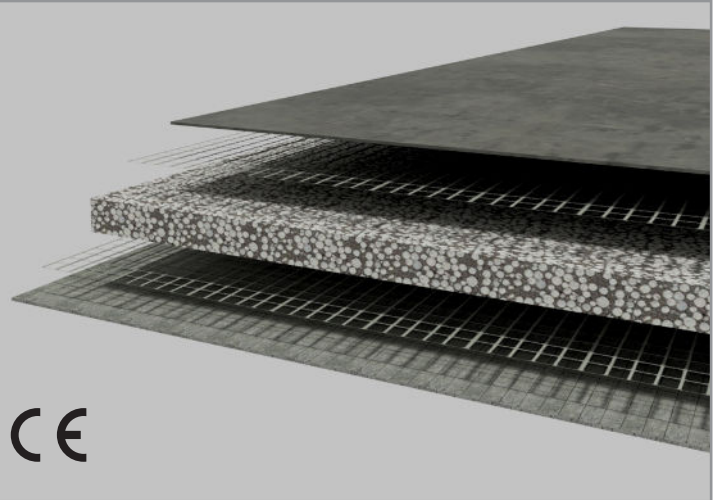
Cem-ROCK® Cement Board Product Datasheet

The ideal substrate for variety of exterior render systems in timber frame and steel frame structures.

The ideal board for internal applications such as tiling, dry lining and wet areas applications.

Excellent fire performance with up to 120mm fire rated build-ups.

Boards available in grey and white colour.



Physical properties

Nominal Dimensions	2400x1200x12* mm
Dimensions tolerance (EN 12467:2012)	Level 1 (+/- 3mm)
Thickness tolerance (EN 12467:2012)	Level 1 (+/- 0.6mm)
Average weight	11.6 kg/m ²
Average density (EN 12467:2012)	950 kg/m ³
Bending strength (EN 12467:2012)	≥ 6.2 MPa
Bending radius	2.0 m
Modulus of Rupture Flexural Resistance	⊥ 10.3 N/mm ² (Class 2)
	∥ 8.5 N/mm ² (Class 2)
Reaction to fire classification (EN 13501-1:2013)	A1 (non-combustible)
Water Vapour Transmission	1,975 g/hm ²
Water vapour diffusion coefficient μ (EN ISO 12572)	54
Thermal Conductivity (EN ISO 10456)	0.39 W/Km
Screw pull-out / head pull-through (Grabfix 4.8x40mm screw to BS EN 14566; Mean)	132 N / 358 N
Crying test (to British Board of Agreement specification)	Pass
Mould growth (MOAT 33)	Pass

* 6mm, 8mm and 10mm thickness also available

Durability (EN 12467:2012)

Water Impermeability	Pass
Freeze/Thaw	Pass
Warm Water	Pass
Soak Dry	Pass
Heat Rain	Pass

Fire rated build-ups

Board suitable to be used in fire rated external walls and internal partitions.

Buildups of up to **90min** for external walls are available.

Buildups of up to **120min** for internal partitions are available.

Characteristics

Suitable for external applications:

- Render system receiver
- Cladding system receiver
- External soffits
- Sheathing

Suitable for internal applications:

- Drylining partition walls
- Tile backer board
- Wet rooms - tub and shower surrounds
- Floor underlayment
- Fire rated partitions

Properties:

- Fire resistant
- Moisture resistant
- Weather resistant
- Impact resistant
- Easy to cut with utility knife
- Easy to handle (light weight)

Transport and storage

Cem-ROCK® boards should be carried in upright position. When setting the boards down, make sure that the corners and edges are not damaged.

The supporting surface must be structurally stable and able to carry the boards' weight.

Cem-ROCK® boards have to be protected against weather conditions. Boards have to be stored under cover. Do not leave boards exposed to weather while on the flat. If boards get wet, they have to be dried before installation.

Allow boards to acclimatise to the ambient temperature and moisture conditions before installation.

Installation temperature must not be below +5°C.

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