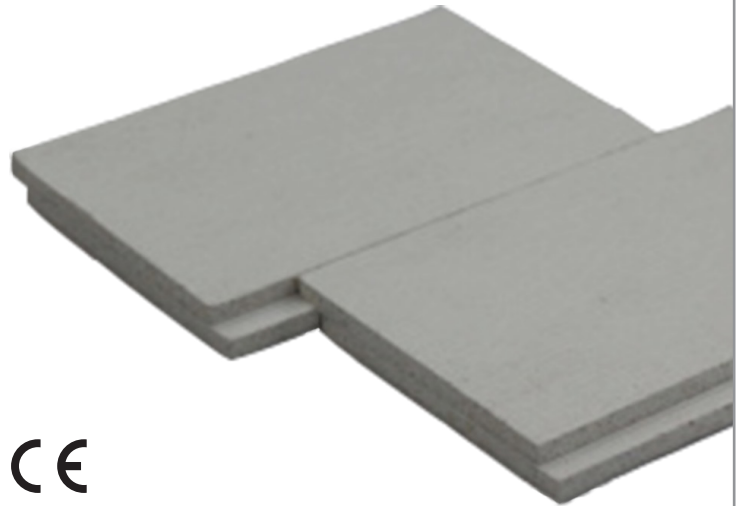


Cem-Rock™ FLOOR Cement Board Product Datasheet

The ideal substrate for variety of floor applications.

The ideal board for internal applications such as tiling and timber flooring.

Excellent fire performance.



Physical properties

| | |
|---|------------------------|
| Nominal Dimensions | 2400x1200x20 mm |
| Average density | 1100 kg/m ³ |
| Average weight | 22 kg/m ² |
| Colour | Grey |
| Fastener Pull Through (psi) (ASTM D1037) | 300 |
| Fastener Lateral Capacity (psi) (ASTM D1037) | 245 |
| Fastener Withdrawal Capacity (psi) (ASTM D1037) | 155 |
| Flame Spread Index (ASTM E84) | 0 |
| Smoke Developed Index (ASTM E84) | 0 |
| Fire Suppression (ASTM E84) | Non-combustible |

Durability

| | |
|----------------------------|------|
| Toxin-Free | Yes |
| Water Resistant | Yes |
| Mold Resistant (ASTM G21) | Yes |
| Vapour Resistant | Yes |
| Freeze/Thaw (ASTM C666-03) | Pass |

Joists Span

| | 16" (400mm) | 24" (600mm) |
|----------------------------|-------------|-------------|
| Allowable Live Loads (psf) | 298 | 132 |
| L/240 | 298 | 132 |
| L/360 | 298 | 132 |
| L/480 | 298 | 130 |

* Capacity based on average peak test load divided by a safety factor of 2.5.
* Deflection limits not the failure mechanisms in spans listed.

Characteristics

Features:

- Damp proof
- Fire protection
- Sound absorption
- Water proof
- No floor deflection

Properties:

- Nonhazardous
- No formaldehyde content
- No crystalline silica content

Handling

Board to be cut using:

- Diamond blade saw
- Diamond blade grinder
- Concrete disk grinder
- Guillotine

Install boards perpendicular to floor framing members. Nail or screw fasteners can be used. Fasteners to be compliant with applicable building codes.

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.

Cem-Rock™ boards have to be protected against weather conditions. 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.