

CEMBLOC CemPlate is a high performing multipurpose building board that's sole design purpose is to provide external weather protection to timber frame, modular and steel frame (SFS) constructions prior to the install of a finished external facade system. CemPlate offers high levels of weather, moisture and fire resistance along with dimensional stability creating a superior all round carrier panel system board. It's resistant to water, is a non combustible UV stable and fully weatherproof even at freezing temperatures.

CemPlate is a Fibre Cement Board with a high density of 1350 Kg/m³. It is resistant to water



CemPlate

Advantages:

- Resistant to damp, moisture and water.
- Resistant to impact.
- Environment friendly, asbestos free.
- Insect-proof, non putrescible, no moulding.
- Resistant to effect of sunlight.
- Easy to cut and drill

Applications:

- Carrier panel to insulating render systems.
- Infill walling to Structural Insulated Panels (SIPs)
- Ceilings and Partitions.
- Tile backer boards for for use behind ceramic tiles in wet areas.
- Perfect for 'Ready Wall Panel' systems.
- For use as a wall finish.
- Ideal for use on pre-fabricated buildings.

Fixings: Screw ancillary [OSD](#) self drilling countersunk screw 4.2mm diameter.

Sitework: Specialist cutting blades for cutting boards, use [Polycrystalline Diamond \(PCD\)](#) Fibre Cement Blades with a flat tooth configuration.

Joint Sealing: Where CemPlate is being utilised as a carrier board for external cladding applications, a 4-6mm expansion gap should be left between boards then covered with a 50mm, suitable sealing tape, alternatively the joint could be filled with a polyurethane sealant.

Technical Properties

Panel Dimension	2400 x 1200 mm (2.88 m ²)
Modulus Of Rupture Value	>7 EN12467 (wet) >10 EN12467 (dry)
Fire Propagation	Class "0" (<2) BS 476 Part 6
Fire Resistance	Class 1 BS 476 Part 7
Combustibility	Non-Combustible BS 476
Water Impermeability	Pass

Board Characteristics

Thicknesses	(indication of kg/m ² for thicknesses) 10mm 12mm 14mm 16mm 18mm
Density	1350 kg/m ³ (- 50 kg)