



Technical Data Sheet

ChromoWall Cement Board

Technical properties of raw extruded polystyrene foam

Extruded polystyrene rigid foam with closed cell structure. The polystyrene rigid foam is Bromine

**Thermal conductivity for core
extruded polystyrene board EN12667**

0.030-0.036W/(MK)

**Water absorption under long-term by
total immersion in water EN ISO16535**

<1.0 by vol%

**Compressive Strength at %10 relative
deformation EN 826**

Min.250kpa

**Core Extruded Polystyrene
Density (bulk)**

32kgs/M³

**Dimensinal Stability under 70°C +/- 2°C,
40h GB/T 10801.2**

<1.0%

Temprature LimitsTUB3660-6

-50°C/+75°C

Technical properties of raw extruded polystyrene foam

Tile Backer Insulation board is made of extruded polystyrene rigid foam with closed cell structure and two faces coated polymer mortar reinforced with a layer of fiberglass mesh. It is Bromine HCFC and CFC-free.

Thermal conductivity for insulation board with polymer mortar reinforced EN12667

<0.040W (MK)

Water absorption under long-term by total immersion in water EN ISO16535

<3.0 by vol%

Compressive Strength at %10 relative deformation EN 826

Min.300kpa

Soft Body Impact Resistance (20mm) ISO7892

3*120Nm

Fire Behaviour EN1-13501

E

Dimensional Stability under 70°C +/- 2°C, 40h GB/T 10801.2

<1.0%

Temperature Limits

-50°C/+75°C

ChromoWall Cement Board | Wall Application



Step 1: Apply a thin set mortar to the wall with a notched trowel



Step 2: Put the boards up to the wall and firmly embed it.



Step 3: Use a silicone sealant along the board edges and adjacent joints for waterproofing. For stud wall, use a steel screw and washer to fix the board to the framework at every 300mm.



Step 4: Make sure all the boards are securely and firmly fixed, for high-demanding waterproofing areas, a waterproofing tape and fiberglass mesh tape are requested. The boards are ready to be covered with mortar and tiles.

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Properties listed are based on laboratory controlled tests.

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Chromo Building Solutions

E | info@echromo.com

A | BIW (Bahrain Investment Wharf), Hidd 115, Bahrain

www.echromo.com

