

fermacell® gypsum fibreboards

Homogeneous dry lining board made from recycled gypsum, recycled cellulose fibres from post consumer waste paper and recycled water.

Application

For interior application on walls (load-bearing & non load-bearing), ceilings and floors.
For use as sheathing on load-bearing & non load-bearing external walls.

Approvals

- BBA certificate no. 90/2439
- Building inspectorate approval – ETA-03/0050
- Construction material to DIN EN 13501-1 – Non-flammable, A2

Dimensions

Board thicknesses: 10 / 12.5 / 15 / 18 mm

Surfaces

Sanded front and rear faces, with production data and approvals printed on rear face.

Storage

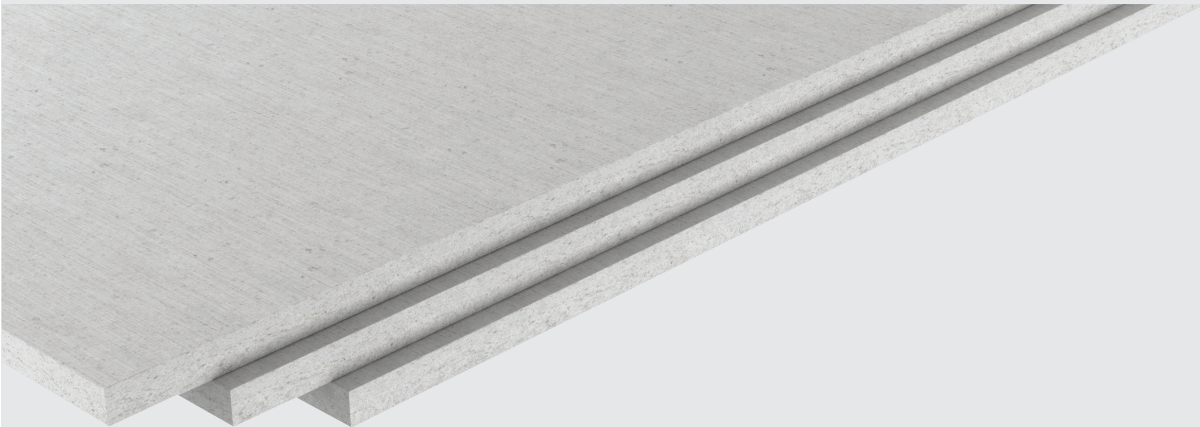
Packed and laid flat on pallets; protect against moisture, especially rain.

Cutting

Cut with conventional woodworking tools; generally, carbide-tipped tools should be used when cutting to size.

Final Finish

Trowel-applied FST, painted, plastered or tiled surfaces.



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Dimensional tolerances at constant humidity for standard board sizes

Length, width	+ 0 / - 2 mm
Diagonal difference	≤ 2 mm
Thickness tolerance	± 0.2 mm

Characteristic values

Density	1150 ± 50 kg/m ³
Water vapour diffusion resistance coefficient	μ = 13
Thermal conductivity	λ = 0.32 W/mK
Specific heat capacity	c = 1.1 kJ/kgK
Brinell hardness	30 N/mm ²
Swelling of thickness of 24 h immersion in water	< 2%
Coefficient of thermal expansion	0.001 %/K
Expansion / Shrinkage in response to 30 % change in relative humidity (20 °C)	0.25 mm/m
Moisture content at 65 % relative humidity and 20 °C air temperature	1.3%
pH-value	7 - 8
Colour	White



Maximum exposure times for fermacell® gypsum fibreboard panels stored vertically without protection.

	Urban Area, City or Town Location	Exposed Rural Location	Coastal Location
fermacell® gypsum fibreboard	8 Weeks	6 Weeks	4 Weeks

For further data and information please refer to the BBA and ETA documents.