



## DATASHEET EXCLUMAT BOARD FINISH

### Description

Exclumat Board finish is a lightweight fiber-reinforced cement-based board, suitable for many applications. It can be used both indoors and outdoors and is resistant to moisture and dryness, very light in weight, very easy to use, water and fire resistant and soundproof.

### Applications

Exclumat Board finish can be used in various situations. It is suitable for indoor use, as support for tiling, as a partition wall or as (fire-resistant) paneling.

Exclumat Board finish can be used outdoors as a covering for walls and facades, as a wall structure in steel or wooden framework or as (fire-resistant) paneling.

Because Exclumat Board finish is cement-based, it is resistant to moisture and can therefore also be used in wet and damp rooms.

Furthermore, Exclumat Board finish has very good insulating properties, which means that it is also used as a fire-resistant or sound-proofing board.

Fire resistance: Classification non-flammable, class A1.

Sound insulation:  $R_w = 32$  dB.

Exclumat Board finish gives no emissions after processing, is resistant to the formation of bacteria, fungi and mold. Due to the smooth top layer, Exclumat Board finish can easily be finished with paint or wallpaper.



## Processing

The processing of Exclumat Board finish is very easy. Exclumat Board finish can be cut to size with a sharp knife, similar to the processing of plasterboard and can then be fixed with screws. Because Exclumat Board finish has a certain flexibility, curves can be covered with it.

To prevent moisture penetration on the cutting edges, these can be coated with Ther-Po waterproofing coating. This is certainly advised at ground level. The board can be applied without expansion joints; seams are finished with kit e.g. the SUTOP® mastic 40.

After applying Exclumat Board finish, it can be finished with a coat of paint or wallpaper. Apply this in accordance with processing on an absorbent surface.

Product features	
Description	EXCLUMAT Board Finish
Material	Cement based Insulation board
Type	Board
Density	0.95 kg
Colour	White/Grey
Demensions	2400 mm. X 2000 mm. X 6,8,10,12 mm.
Fire classification	A1 -non-flammable
fire resistance	240 min.
Sound insulation	Rw = 32 dB
Water absorption	<10
pH	12
Heat conduction	0.20 W/m °K
Bending resistance	5,8 MPa
E Module	1043 MPa
Compression strength	6,7 MPa
Bending radius	≥ 2 m.