



Product dimensions

Thickness (mm)	EI (mm)	Board dimensions* (l x L) (mm)	Weight after baking (kg/m ²)	Rebated sides	Rebates (mm)
35	120	200 à 1100 x 1000	38,5	2	16,5 x 18,5

E = Fire sealing / I = Thermal insulation

* Per 50 mm step

Product description

GEOFLAM®F Light boards, composed primarily of plaster and glass fibre, are intended for passive fire protection.

Application

- Horizontal and vertical ventilation and smoke extraction ducts
- Fire-protection of service ducts and shafts
- Protection for cable trays
- EI 120 (2 hr fire-break)

Implementation

GEOFLAM®F Light boards are assembled using **glue and polochon** (the polochon is a mixture of plaster and sisal fibre) (interior and exterior).

They can be cut using any means.

Finish

Placed with the smooth surface facing inwards to improve the flow of air, or outwards to give a clean, finished appearance.

A water-based acrylic paint may be applied to **GEOFLAM®F Light** products without compromising their fire-protection properties.

Transportation and storage

Transport and store on a flat, protected surface. Keep away from water.

- + It is possible to apply a water-repellent treatment that does not alter the A1 classification by addition of water-repellent.
- + Immediate availability for all board sizes.

Characteristics of GEOFLAM®F Light boards

Reaction to fire	A1 in accordance with EN 13501-1
Nominal density (± 15%)	± 1100 kg/m ³
Bending strength	≥ 1,8 MPa
Compressive strength	≥ 5 MPa
pH value	approximately 8,9
Thermal conductivity coeff (λ à 20°C)	0,60 W/m.K
Resistance to water vapour diffusion (μ)	± 3.8
Roughness facor (ε)	0,05 mm
Dimensional tolerance	± 5 mm
Thickness tolerance	± 2 mm
Colour	White
Appearance	Smooth
Machinability	Excellent

* The data in this table are average values, given for information only. If certain properties are essential for some particular application, we should preferably be consulted.



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