



**Product dimensions**

Thickness (mm)	EI (min)	Boards dimensions (l x L) (mm)	Weight after baking (kg/m <sup>2</sup> )	Rebated sides	Rebates (mm)
50	180	1000 x 900	50	2	24 x 26

E = Fire sealing / I = Thermal insulation

**Product description**

GEOFLAM®FX fire-protection boards, mainly made of gypsum and fibreglass, are intended for passive fire protection.

These single dimension 1000 x 900 mm (W x L) boards do not have longitudinal rebates for easy cutting and assembly.

With a thickness of 50 mm, these boards are intended for the installation of fire-protection ducts and service ducts and shafts for a duration of 3 hours (EI 180).

**Application**

- Horizontal and vertical ventilation and smoke extraction ducts
- Fire-protection of service ducts and shafts
- Protection of cable trays

**Implementation**

GEOFLAM® FX 50 boards are assembled using glue and bolts (interior or exterior). They can be cut to size by any means.

**Finishing**

Placed on smooth interior faces to improve airflow or exterior faces for a clean, finished look.

GEOFLAM® F products may be painted with acrylic water-based paint without losing their fire-resistant properties.

**Transport and storage**

Transport and store on a flat and protected surface (out of water).

**+** It is possible to apply a water-repellent treatment that does not alter the A1 classification by addition of water-repellent.

Characteristics of GEOFLAM®FX 50* boards	
Reaction to fire	A1 in accordance with EN 13501-1
Nominal density (± 15%)	± 1100 kg/m <sup>3</sup>
Bending strength	≥ 1,8 MPa
Compressive strength	≥ 5 MPa
pH value	± 8,9
Thermal conductivity coeff (λ à 20°C)	0,60 W/m.K
Resistance to water vapour diffusion (μ)	± 3.8
Roughness factor (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.

