GEOFLAM® FX50

FIRE PROTECTIVE BOARDS

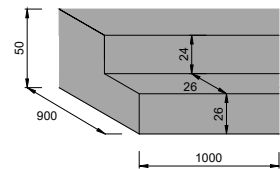|		
Ventilation EN 1366-1	**Smoke extraction** EN 1366-8	**Fire protection services** EN 1366-5

Fire-protection 3 hours

Silicate-free plaster-based product

Single dimension

GEOFLAM®FX50

**Thickness : 50 mm
EI 180**

FIRE-PROTECTIVE BOARDS

GEOFLAM® FX50 fire resistant boards are non-combustible boards mainly made of glass reinforced gypsum (GRG), which gives them an excellent mechanical resistance. These boards are 50 mm thick and have a unique size of 1000 x 900 mm (lxw) without longitudinal rabbets for easy cutting.

Advantages

✔ Silicate-free product
✔ Possible application of water-based acrylic paint
✔ Easy cutting with a circular saw, sabre saw or handsaw
✔ Meets environmental, health and safety standards

Installations

Mixture of GEOPLÂTRE® N plaster and sisal fiber [≤ 2500 x 2000 mm]*

* limit of the internal section of the duct

Applications

- Ventilation and smoke extraction ducts
- Fire protection services (various pipes, gas pipes, medical fluids, etc.)
- Cable tray protection
- Production of 50 mm fire protection accessories (cut from 50 mm board)

Certifications

Classification A1 according to EN 13501-1

CE **ETA 15/0654 based on EAD 350142-00-1106**

Product classified A+ (VOC emission to indoor air)

Dimensions

Thickness (mm)	EI S	Boards dimensions (l x L) (mm)	Dry weight (kg/m²)	Rabbeted sides
50	180	1000 x 900	50	2

E = Étanchéité aux flammes et gaz chauds
I = Isolation thermique
S = Étanchéité aux fumées

Characteristics

Nominal density (± 15 %)	± 1100 kg/m³
Bending strength	≥ 1,8 MPa
Compressive strength	≥ 5 MPa
pH value	± 8,9
Thermal conductivity coeff (λ at 20°C)	0,60 W/m.K
Resistance to water vapour diffusion (μ)	± 3.8 pour plaques standard
Roughness factor (ε)	0,05 mm
Cold sealing class	D
Dimensional tolerance	± 5 mm
Thickness tolerance	± 2 mm
Colour	Blanc
Appearance	Lisse
Cutting and machinability	Good

* 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.

Finitions

Installed with smooth faces inwards to improve airflow or outwards for a clean, finished look.

Transport and storage

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

Classification and tests

✔ Certified according to the fire resistance test standards:
EN 1366-1
EN 1366-5
EN 1366-8

✔ Certified according to the fire resistance classification standards:
EN 13501-1
EN 13501-2
EN 13501-3
EN 13501-4

Technical documents available

☑ Technical data sheet (SDS)
☑ Safety data sheet (SDS) being renewed
☑ Environmental and health declaration form being renewed
☑ CE certificate
☑ Declaration of Performance (DoP)

Items codes

Reference	Name	Boards / pallet	Gross weight / Pallet
FX0001	Fire resistant board 50 mm - 1,00 x 0,90 ml	20	1030 kg

Geostaff has collected the data in this sheet with all due care and reserves the right to modify the properties of the products without prior notice. The user of these data will be responsible at all times for their correct application. In case of uncertainty or doubt, we advise you to contact Geostaff in order to verify if these data correspond to the required application.

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