GEOFLAM® F-Light

FIRE PROTECTIVE BOARDS

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

Fire-protection 2 hours

Silicate-free plaster-based product

GEOFLAM®F-Light

Thickness : 35 mm
EI 120

35 / 1000 / 17 / 18 / 18 / 200 à 1100

FIRE-PROTECTIVE BOARDS

GEOFLAM®F-Light 35 mm fire resistant boards are non-combustible boards mainly made of glass reinforced gypsum (GRG), which gives them an excellent mechanical resistance. These 35 mm thick boards are specially designed with rebates to allow them to be interlocked and facilitate their assembly.

Advantages

✔ Silicate-free product
✔ Possible application of water-based acrylic paint
✔ Easy cutting with a circular saw, sabre saw or handsaw
✔ Possible palletization of the products by ducts
✔ Wide range of sizes
✔ Meets environmental, health and safety standards

Certifications

Classification A1 according to EN 13501-1

Product classified A+ (VOC emission to indoor air)

Certified product EXCELL green zone

Installations

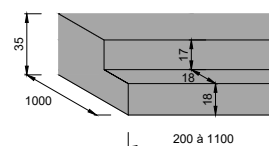Mixture of GEOPLÂTRE® N plaster and sisal fiber
[≤ 1250 x 1000 mm]*

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

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Dimensions

Thickness (mm)	EI S	Boards dimensions* (l x L) (mm)	Dry weight (kg/m²)	Rabbeted sides
35	120	200 to 1100 x 1000	38,5	2

E = Flame and hot gas tightness
I = Thermal insulation
S = Smoke-tight

*In 50 mm steps

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 for standards boards
Cold sealing class	D
Dimensional tolerance	± 5 mm
Thickness tolerance	± 2 mm
Colour	White
Appearance	Smooth
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.

Finishes

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).

For optimum preservation, remove the plastic film before storing to avoid any traces of mould.

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
☑ Safety data sheet (FDS)
☑ Environmental and health declaration

Items codes

Reference	Name	Boards / Pallet	Gross weight / Pallet
L350003	Fire resistant board 35 mm - 0,20 x 1,00 m	100	820 kg
L350004	Fire resistant board 35 mm - 0,25 x 1,00 m	80	820 kg
L350005	Fire resistant board 35 mm - 0,30 x 1,00 m	60	740 kg
L350006	Fire resistant board 35 mm - 0,35 x 1,00 m	40	580 kg
L350007	Fire resistant board 35 mm - 0,40 x 1,00 m	40	660 kg
L350008	Fire resistant board 35 mm - 0,45 x 1,00 m	40	740 kg
L350009	Fire resistant board 35 mm - 0,50 x 1,00 m	40	820 kg
L350010	Fire resistant board 35 mm - 0,55 x 1,00 m	25	570 kg

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Items codes

Reference	Name	Boards / Pallet	Gross weight / Pallet
L350011	Fire resistant board 35 mm - 0,60 x 1,00 m	25	620 kg
L350012	Fire resistant board 35 mm - 0,65 x 1,00 m	25	670 kg
L350013	Fire resistant board 35 mm - 0,70 x 1,00 m	25	720 kg
L350014	Fire resistant board 35 mm - 0,75 x 1,00 m	25	770 kg
L350015	Fire resistant board 35 mm - 0,80 x 1,00 m	25	825 kg
L350016	Fire resistant board 35 mm - 0,85 x 1,00 m	25	870 kg
L350017	Fire resistant board 35 mm - 0,90 x 1,00 m	25	920 kg
L350018	Fire resistant board 35 mm - 0,95 x 1,00 m	25	970 kg
L350019	Fire resistant board 35 mm - 1,00 x 1,00 m	25	1020 kg
L350020	Fire resistant board 35 mm - 1,05 x 1,00 m	25	1060 kg
L350021	Fire resistant board 35 mm - 1,10 x 1,00 m	25	1120 kg

**GEOFLAM®
F-Light**

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