



Product description

GEOFLAM®C Light channels, made primarily of plaster and glass fibre, are intended for passive fire protection.

These 35 mm thick elements are pre-moulded with longitudinal rebates and ends that allow them to be interlocked.

Application

- Fire-protection of service ducts for gas, medical fluids and various kinds of pipework
- Protection for electrical cable trays up to a fire exposure of EI 120 (2 hr fire-break)

Implementation

Assembly is by bonding all the joint surfaces of horizontal and vertical junctions. This module, in an open U shape, is closed with a **GEOFLAM®C Light** cover and glued. These elements can be cut with a handsaw, sabre saw or circular saw.

Finish

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

Transportation and storage

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

Product dimensions

Thickness (mm)	EI (mm)	Length (m)	Internal dimensions (L x w) (mm)	Weight after baking* (kg/m)
35	120	1	50 x 50	16
			100 x 50	20
			100 x 100	24
			150 x 100	28
			150 x 150	32.50
			200 x 100	11
			200 x 200	40,50
			300 x 100	41
			350 x 200	53

E = Fire sealing / I = Thermal insulation
*Channel & Cover

Characteristics of GEOFLAM®C Light channels

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
Dimensional tolerance	± 5 mm
Thickness tolerance	± 2 mm
Colour	White
Appearance	Smooth

* 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.