



TECHNICAL NOTICE



Protection of steel columns
with GEOFLAM® DC half-shells

GEOFLAM® DC

HALF-SHELLS



Fire stability
up to 3 hours (R 15 to 180)

GEOFLAM® DC HALF-SHELLS

The GEOFLAM® DC half-shell is a pre-moulded glass fibre reinforced plaster element for the fire protection of metal and steel columns.

This element between 25 and 45 mm thick (depending on required the fire resistance) is non-combustible and has longitudinal rabbets, making it quick and easy to install on site. The half-shells are interlocked and glued together using GEOCOL® glue.

Advantages

- ✓ Can be painted with water-based acrylic paint
- ✓ Easy cutting with a circular saw, sabre saw or handsaw
- ✓ Meets environmental, health and safety standards
- ✓ 100% recyclable

Installations



Geocol®

+



Mixture of sisal fiber
and plaster

Certifications



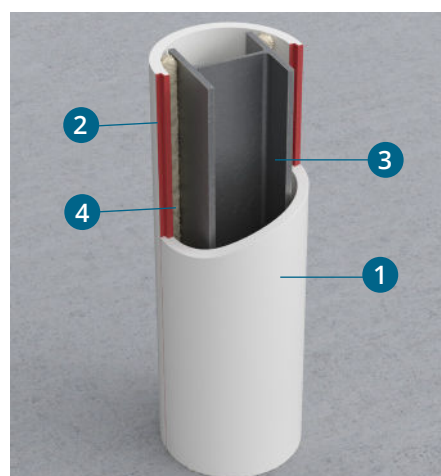
Product classified
A+ (VOC emission to
indoor air)



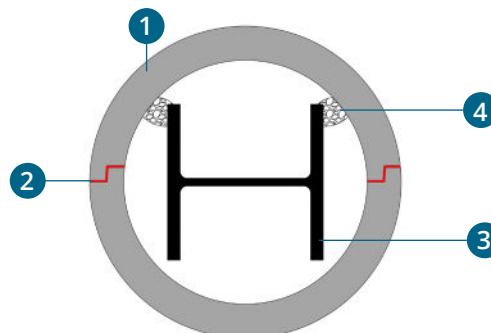
A1 classification
to EN 13501-1

Assessment :

✓ N°EFR-22-000930



- 1 GEOFLAM® DC half shell
- 2 GEOCOL®
- 3 Steel column
- 4 Mixture of GEOPLÂTRE® plaster and sisal fiber



Article codes

Reference	Name	Packaging
COQ0101	GEOFLAM®DC - ø int 140 mm - ø ext 200 mm - 3.00 meter - 30 mm thick	32 kg
COQ0102	GEOFLAM®DC - ø int 190 mm - ø ext 250 mm - 3.00 meter - 30 mm thick	39 kg
COQ0103	GEOFLAM®DC - ø int 240 mm - ø ext 300 mm - 3.00 meter - 30 mm thick	47 kg
COQ0104	GEOFLAM®DC - ø int 290 mm - ø ext 350 mm - 3.00 meter - 30 mm thick	55 kg
COQ0105	GEOFLAM®DC - ø int 340 mm - ø ext 400 mm - 3.00 meter - 30 mm thick	63 kg
COQ0106	GEOFLAM®DC - ø int 220 mm - ø ext 300 mm - 3.00 meter - 40 mm thick	63 kg
COQ0107	GEOFLAM®DC - ø int 270 mm - ø ext 350 mm - 3.00 meter - 40 mm thick	73 kg
COQ0108	GEOFLAM®DC - ø int 320 mm - ø ext 400 mm - 3.00 meter - 40 mm thick	83 kg
COQ0109	GEOFLAM®DC - ø int 370 mm - ø ext 450 mm - 2.00 meter - 40 mm thick	63 kg
COQ0110	GEOFLAM®DC - ø int 420 mm - ø ext 500 mm - 2.00 meter - 40 mm thick	70 kg

For variations of Ø, thickness, length..., please contact us.

Transport et stockage

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

Classification and test

✓ Certified according to the fire resistance test standards :
EN 13381-4

Technical documents available

- ✓ Commercial & technical brochure
- ✓ Environmental and health declaration
- ✓ PV n°EFR-22-000930

Characteristics

Nominal density (± 15 %)	± 1100 kg/m ³
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.

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columns using GEOFLAM®
DC half-shells



www.geostaff.fr/en