



# GEOFLAM® SF

## SPRAY-APPLIED FIREPROOFING



Ventilation ducts



Smoke extraction ducts



Fire resistance up to 2 hours depending on application



Mineral wool-based product

## FIRE PROTECTION SPRAY

**GEOFLAM® SF** is a fibrous material based on slag wool with hydraulic and organic binders, supplied as lightweight flakes and designed for passive fire protection.

It is intended for the construction of fire-rated smoke extraction and ventilation ducts, applied directly onto steel sheet metal ducts.

### Advantages

- ✓ Asbestos-free
- ✓ Rot-proof and resistant to rodents and vermin
- ✓ Monolithic coating that accommodates substrate expansion without cracking
- ✓ Compliant with Directive 97/69/EC
- ✓ Easy application

### Installations



Wet pneumatic spray application onto sound, dry substrates using mineral wool spraying machine.

### Applications

- Ventilation or smoke extraction ducts, horizontal or vertical, circular or rectangular, in steel sheet (EIS 60 to 120).

### Installation information

**GEOFLAM® SF** is applied by wet spray directly onto the substrate to be protected without any prior preparation.

Application shall be carried out in accordance with recognised industry practice as defined in DTU 27.1. The product must not be applied at temperatures below +5°C or above +45°C.

### Characteristics

<b>Thickness</b>	from 53 to 80 mm depending on the required performance
<b>Colour</b>	Grey / White
<b>Density</b>	220 kg/m <sup>3</sup> +/- 15%
<b>Initial setting time</b>	24 hours at 20°C and 50% RH
<b>pH</b>	10
<b>Application temperature</b>	From 5 to 45° C
<b>Finishes</b>	Rolled or trowelled
<b>Environment and safety</b>	SDS available upon request

### Certifications



Classification A1 according to EN 13501-1



Product classified A+ (VOC emissions into indoor air)

## Article codes

Reference	Designation	Packaging	Weight/pallet
GSF0001	GEOFLAM® SF	25 kg bag	600 kg for 24 bags

### Available technical documents

- ☑ **Technical data sheet**
- ☑ **European Classification reports**  
Passive fire protection for steel ventilation and smoke extraction ducts (circular or rectangular)
- ☑ **Safety Data Sheet**

### Finishes

**Possible finishes** : roller or trowel finish, or paint (see DTU 27.1)

### Standards and tests

✓ **Application** in accordance with classification reports, D.T.U 27.1 (NF P15-202-1 and 2), and recognised rules of good construction practice

### Transport and storage

- **Packaging** in 25 kg plastic bags
- **Shrink-wrapped pallets** 0.80 x 1.20 x 1.70 m (w x d x h) – 8 rows of 3 bags, i.e. 24 bags or 600 kg/pallet
- Maximum **shelf life of 12 months** from the date of manufacture in unopened packaging.
- **For optimal storage**, protect your bags from frost, moisture, excessive heat and high radiant sunlight exposure.

*If you have any questions regarding the product, its various applications, or for a quotation request, please do not hesitate to contact us.*

Geostaff has collected the data in this sheet with all due care and reserves the right to modify product properties without prior notice. The user of this data remains at all times responsible for its correct application. In case of uncertainty or doubt, we recommend contacting Geostaff to verify that this data corresponds to the required application.

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