



Construction

Cafco Silverflame Trowel & Spray Grade Sealant

Data Sheet C/FS/P-3

Use with:

Cafco Silverflame Fire Batt	See Data Sheet C/FS/P-1
Cafco 'E' Fire Batt	See Data Sheet C/FS/P-2

Cafco Silverflame Trowel & Spray Grade Sealant is a water based acrylic composition that remains flexible between 0°C to +70°C.



Cafco Silverflame Trowel & Spray Grade Sealant forms a fire and smoke barrier when installed with Cafco Silverflame Fire Batts. In the presence of fire the seal releases water to form a fire and smoke barrier up to 240 minutes.

It also has excellent adhesion to most building surfaces.

Its advantages are:

- *Suitable for indoor and outdoor use without additional environmental protection*
- *Glass transition temperature is below 0°C and therefore the seal remains flexible between -10°C to +70°C*
- *Not affected by fungus, vermin or rodent*
- *Free from halogens, fibres, asbestos and solvents*
- *Acoustic isolation.*

Properties and performance

Colour	White.
Specific gravity	1.32.
Tack free time	40 minutes depending on temperature.
Total movement	Low to medium. 7.5% in butt joints.
Artificial weathering – 1000 hours	No defects to BS 3900 F3.
Heat ageing – 336 hours	No defects at 40°C.
Water vapour permeability	3.08gm/m ² /24hrs to ASTM D1653.
Fire resistance	240 minutes to BS 476: Part 20.

Installation

Method

Spray grade: Coat the mineral fibre fire batt with Cafco Silverflame Trowel & Spray Grade Sealant to a dry film thickness of 1.5mm (2.4kg/m²).

Trowel grade: Apply Cafco Silverflame Trowel & Spray Grade Sealant to Cafco Fire Batts as advised in Cafco Silverflame Fire Batt installation manual.

For both grades: Install sealant to a minimum depth of 10mm. For gaps over 10mm, use a backing rod.

Packaging, storage, shelf life

Packaging

Supplied in 310ml, 10kg and 25kg pails.

Storage

For ease of installation the product should be stored indoors in dry conditions.

Shelf life

12 months maximum.

Environmental

Do not discharge into drains or watercourses.

Not readily biodegradable.

May harm aquatic organisms and their environment.

Health and safety

Cafco International's activities are conducted with due regard to all statutory requirements with appropriate safeguards against exposing employees and the public to health and safety risks.

A full copy of Cafco International's Health, Safety and Environment Policy document is available on request.

See Safety Data Sheet (including COSHH Regulations) Code Reference **Saf-26**.

Quality assurance

Cafco International operates a quality system in accordance with BS EN ISO 9002: 1994, and has received full accreditation by BSI to these standards.

Operating to these standards means that all activities, which have a bearing upon quality, are set out in written procedures. Systematic and thorough checks are made on all materials and their usage. Test equipment is subjected to regular checks and is referred back to national standards.

The information given in this data sheet is based on actual tests and is believed to be typical of the product. No guarantee of results is implied however, since conditions of use are beyond our control.

Further information



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