



Protect your values.

## PYRO-SAFE® GFM

### Fire protection mortar

#### Description

Fibre-free ready-mixed dry mortar of mortar group IIIa or M20.

PYRO-SAFE® GFM is suitable for pumping, pressing and manual installation.

#### Application areas

- Sealing joints around air conditioning and ventilation ducts, fire dampers, fire doors and shut-off devices.
- Filling of cavities when installing steel frames.
- Fire and smoke-proof sealing of individual cables (e.g. according to MLAR or other guidelines for easier cable routing).



#### Delivery and packing

PYRO-SAFE® GFM	
Packing	Bag
Container size	25 kg
Item number	
	01167030

Please contact us for further information:

✉ [global@svt.de](mailto:global@svt.de)

Orders: [order@svt.de](mailto:order@svt.de)

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## PYRO-SAFE® GFM

### Technical data

Fire behaviour	PYRO-SAFE® NOVASIT GFM is classified as A1 according to EN 13501-1.
Coating	Cement grey
Bulk density (fresh mortar)	2000 kg/m <sup>3</sup> ± 10%
Dry bulk density	1.75 kg/dm <sup>3</sup> ± 10%
Compressive strength	M 20 (MG III a)
Application temperature	≥ +5 °C
Application time	approx. 2 - 3 hours
Final strength	after approx. 28 days
Field of application	Universally applicable in the area of solid floors and solid walls for: <ul style="list-style-type: none"> <li>• Wall and floor feedthroughs of insulated, metallic pipes,</li> <li>• Joints around air conditioning and ventilation ducts, fire dampers, fire doors and shut-off devices,</li> <li>• Annular gap closure on the PYRO-SAFE® CT Cable Tube,</li> <li>• Filling of cavities when installing steel frames</li> </ul>
Application instructions	Surfaces must be solid, free of adhesion-reducing substances and dust. Absorbent surfaces should be pre-wet with water. The consistency of the mortar is to be adapted so that it fills all components to be filled without cavities.
Consumption	4.0 - 5.0 l water + 25 kg dry mortar ≈ 15 - 18 l ready-to-use wet mortar ≈ 15 - 18 l volume after hardening
Storage	Cool and dry. Can be stored unopened for at least 12 months if stored properly.
Safety information	Please note our safety data sheet.
Declaration of performance (DOP) no.	01167000-PYRO-SAFE® GFM

### Applications

#### Penetration seal

	Certification	System name	Fire resistance class
CE	ETA-16/0016	PYRO-SAFE® CT	Max. EI 120 acc. to EN 13501-2
	Certificate of usability for the damper manufacturer. Joint closure around fire dampers	-	-
DIN	Z-19.53-2482	PYRO-SAFE® Novasit COMBI 90	Fire-resistant (90 min.)
CLASSIFIED UL C US	C-AJ-6050, F-A-2294, F-A-4017, F-A-4019, F-A-8054, W-J-2346, W-J-4090, W-J-4092, W-J-8077	PYRO-SAFE® GFM	FT-Rating max. 3 hrs. acc. to UL 1479

Errors, misprints and changes reserved. All of the information corresponds to the state of technology and the version of the standard that existed at the time of printing (02.2021).

We will gladly provide you with information on request regarding the legal and technical framework conditions or manufacturer specifications applicable to your individual case.

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