



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

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



Delivery and Packaging

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

Please contact us for further information:

✉ global@svt.de

Orders: order@svt.de

☎ +49 4105-40 90-0



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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/m³ ± 10 %
Dry bulk density	1.75 kg/dm³ ± 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 solid floors and solid walls for: <ul style="list-style-type: none"> • Wall and floor penetrations of insulated metal pipes, • Joints around air conditioning and ventilation ducts, fire dampers, fire doors and shut-off devices, • Annular gap closure on the PYRO-SAFE® CT Cable Tube, • Filling cavities when installing steel frames
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 must be adapted to fill all necessary components 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 observe the safety data sheet.
Declaration of performance (DOP) no.	01167000-PYRO-SAFE® GFM

Applications

Penetration seal

	Certification	System name	Fire resistance class
	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	-	-
	Z-19.53-2482	PYRO-SAFE® Novasit COMBI 90	Fire-resistant (90 min.)
	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 (12.2021).

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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