

# GFM

## Fire protection mortar

### Description

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

NOVASIT K2 is suitable for pumping, pressing and manual installation.

### Areas of Application

- Fire and smoke-proof sealing of individual cables
- For sealing joints around air conditioning and ventilation ducts, fire dampers, fire doors and shut-off devices.
- For filling cavities when installing steel frames.



### Delivery and Packaging

GFM	
Packaging	bag
Container size	25 kg
Item number	
	01167000

Please contact us for further information:

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## Technical Data

Reaction to fire	NOVASIT GFM is classified as A1 in accordance with 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
Area of application	Universally applicable in solid floors and solid walls for: <ul style="list-style-type: none"> <li>• wall and floor penetrations with insulated metallic pipes,</li> <li>• joints around air conditioning and ventilation ducts, fire dampers, fire doors and shut-off devices,</li> <li>• sealing of annular gaps when installing CT Cable Tubes,</li> <li>• filling cavities when installing steel frames</li> </ul>
Application instructions	<ul style="list-style-type: none"> <li>• Surfaces must be solid, free of adhesion-reducing substances and dust.</li> <li>• Absorbent surfaces should be pre-wet with water.</li> <li>• The consistency of the mortar must be adapted to fill all necessary building elements without cavities.</li> </ul>
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 remain unopened for at least 12 months if stored properly.
Safety information	Please observe the safety data sheet.
Declaration of performance (DOP) no.	01167000-GFM

## Application

### Penetration seal

	Certification	System name	Fire resistance class
CE	ETA-16/0016	System Cable Tube	max. EI 120 in acc. with EN 13501-2
	Certificate of usability for the damper manufacturer. Joint closure around fire dampers	–	–
DIN	Z-19.53-2482	Novasit COMBI 90	fire-resistant (90 min.)