

# GFM

## Fire protection mortar

### Description

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

<b>GFM</b>	
<b>Packaging</b>	bag
<b>Container size</b>	25 kg
<b>Item number</b>	
	01167000

# GFM

## Technical Data

<b>Reaction to fire</b>	GFM is classified as A1 in accordance with EN 13501-1.
<b>Coating</b>	Cement grey
<b>Bulk density (fresh mortar)</b>	2000 kg/m <sup>3</sup> ± 10%
<b>Dry bulk density</b>	1.75 kg/dm <sup>3</sup> ± 10%
<b>Compressive strength</b>	M 20 (MG III a)
<b>Application temperature</b>	≥ +5 °C
<b>Application time</b>	approx. 2–3 hours
<b>Final strength</b>	after approx. 28 days
<b>Area of application</b>	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>
<b>Application instructions</b>	<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>
<b>Consumption</b>	4.0–5.0 l water + 25 kg dry mortar ≈ 15–18 l ready-to-use wet mortar ≈ 15–18 l volume after hardening
<b>Storage</b>	Cool and dry. Can remain unopened for at least 12 months if stored properly.
<b>Safety information</b>	Please observe the safety data sheet.
<b>Declaration of performance (DOP) no.</b>	01167000-GFM

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