

# PYRO-SAFE® GFM

Fire protection mortar



# Fire protection mortar PYRO-SAFE® GFM

## Fields of application

PYRO-SAFE® GFM is a fibre-free dry mortar for universal use in solid walls and floors. Possible applications are penetrations such as insulated metal pipes or joints around air conditioning or ventilation shafts, fire dampers, fire doors and fire valves. In addition, PYRO-SAFE® GFM can be used to close the annular gap around the PYRO-SAFE® CT Cable Tube, or to fill cavities in steel door frame installations.

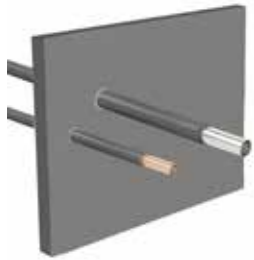
## Joins around air or ventilation ducts and fire dampers

In the ventilation systems of buildings, fire dampers are generally found in the fire-rated structural elements (walls and floors). It is crucial that the joints / annular gaps around fire dampers are void-free, and professionally filled with mortar and grouted.



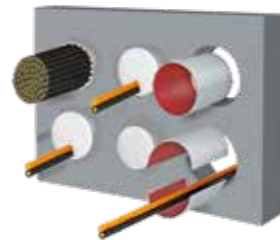
## Annular gap seal for various installations

Where a fire protection concept does not prescribe approved firestop systems, the requirements for pipe penetrations are less strict. The annular gap must be completely filled with non-combustible materials and the required distances to other firestops or openings must be kept. Used in combination with our PYRO-SAFE® DG-CR 1.5 fire wrap, PYRO-SAFE® GFM can seal annular gaps around non-combustible pipes with FEF insulation, HVAC split-line combinations, double solar pipes „NanoSUN<sup>2</sup>“ or hydraulic pipes. Non-combustible pipes with mineral fibre insulation passing through solid walls and floors require no additional fire protection measures.



## System solution PYRO-SAFE® CT

This easy-to-use penetration sealing system for existing penetrations and new installations simply clicks into place. The annular gap around the cable tube can be sealed using PYRO-SAFE® GFM fire protection mortar.



## Product benefits at a glance

- ✓ Low dust generation and irritation compared to competitive products
- ✓ Easy processing – minimum formwork due to very good adhesive strength and stability
- ✓ Universally applicable – outstanding for application by pump or manual application

## Test certificate

Fire protection mortar according to DIN EN 998-2, M20 - MG IIIa, MPA Hanover test report 180558

## Permissible services

Annular gap seal			Use in combination with
Joints around air conditioning or ventilation shafts, fire dampers, fire doors and fire valves			-
Cables			PYRO-SAFE® CT Cable Tube
Cable bundles			PYRO-SAFE® CT Cable Tube
Electrical conduits (EIR)			PYRO-SAFE® CT Cable Tube
EIC bundled			PYRO-SAFE® CT Cable Tube
Combustible pipes			PYRO-SAFE® CT Cable Tube
PE-lines „speed pipes“			PYRO-SAFE® CT Cable Tube
Non-combustible pipes with mineral fibre insulation*			-
Non-combustible pipes with FEF**-Insulation*			PYRO-SAFE® DG-CR 1.5
HVAC split-line-combinations*			PYRO-SAFE® DG-CR 1.5
Double-solar pipes „Nano SUN <sup>2</sup> “			PYRO-SAFE® DG-CR 1.5

\*Approved in Germany

\*\* Flexible elastomeric foam

without additional measures  
 with additional measures

## Handling

- 4.0 - 5.0l water + 25kg dry mortar
- ≈ 15 - 18l ready-to-use wet mortar
- ≈ 15 - 18l volume when hardened

Pump design	Pump model (examples)	Recommended rotor/stator	Water consumption
	Putzmeister Sprayboy P 12	Screw D4 or D5 short	4.0 - 5.0l
	PFT Bolero		
	Putzmeister MP25	Specification as agreed	300l/h, lower to 170l/h
	PFT G4		
	PFT Ritmo		
	V.E.P. Baumaschinen Typ VR1		

## Storage and packaging

- Store in a cool dry place
- Store up to 12 months in sealed original packaging

Product	Packaging	Weight per piece [kg]	Qty. per pallet [n]	Weight per pallet [kg]	Product-No.
PYRO-SAFE® GFM	Bag	25	42	ca. 1,090	<b>01167000</b>



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