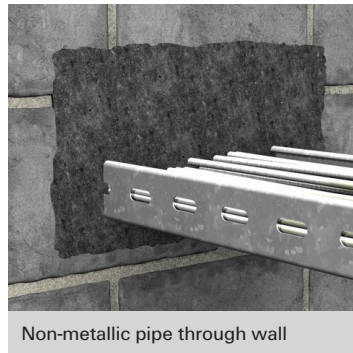


High performance Intumescent graphite fire resistant Mastic



Non-metallic pipe through wall



Air duct through wall

APPLICATIONS

- Metallic Pipes - 159mm (6")
- Non-Metallic pipes - 125mm (5")
- Cable Bunches - 21mm (1")
- Insulated Services- 159mm (6")
- Construction Joints 25mm (1")
- Mixed Services

ADVANTAGES

- Low VOC
- Excellent acoustic properties
- Halogen & solvent free

APPROVALS



Air Permeability Test Method

The laboratory measurement of airborne sound insulation of building elements

BUILDING MATERIALS

Suitable for:

- Concrete
- Masonry
- Steel
- Timber

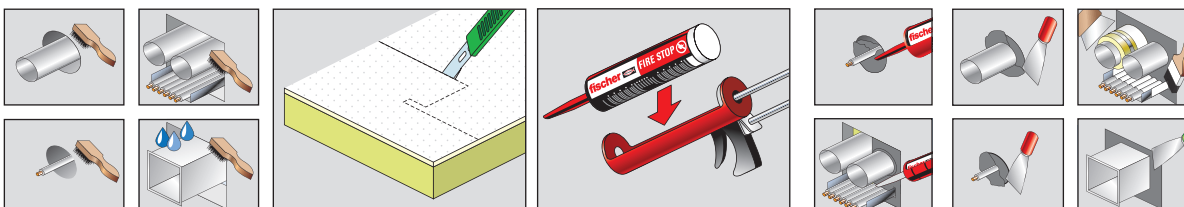
DESCRIPTION

- fischer Intumescent Graphite Mastic FiGM is a one part water based flexible acrylic emulsion containing a high pressure intumescent graphite which is used to seal service penetrations in both vertical and horizontal applications.
- Tested to both BS 476 & BS EN1366-3 /4 the fischer FiGM is also ETA approved and CE Marked for a wide range of applications such as, non metallic pipes, metallic and insulated pipes, cables and cable bunches, as well as construction joints.
- The fischer FiGM can expand up to 20 times its own volume and cures to form a resilient flexible fire seal, it exhibits excellent slump properties and is formulated to be halogen and solvent free.

INSTALLATION

Firestop material must be installed in accordance with detailed instructions or the approved system.

- 1 Clean all contact surfaces so they are free from loose debris and contaminants
- 2 Install the required backing material as per the detailed instruction or approved system
- 3 For best application results - fischer FiGM should be at room temperature
- 4 Apply fischer FiGM to required parameters as per detailed instruction or approved system making sure that it is in contact with all surfaces to provide maximum adhesion
- 5 Tool sealant to a defect free finish using a wetted trowel or putty knife
- 6 Clean all equipment with water immediately after use



SPECIFICATIONS

Description	Article No.	Size [ml]	Qty. Per Box
FiGM	508765	310	25
KP M2 Applicator Gun	53117	-	1

TECHNICAL DATA

Form	Aqueous thixotropic paste
Density	Ca. 1.3g/cm ³
Cure Rate	1.7mm per 24 hrs dependent on conditions
Application temperature	+5° C to +35° C
Tack Free	30mins
Cyre System	Water based
U.V. Resistance	Good
Expansion onset temperature	Ca. 180° C
Expansion	Up to 20 times
Skining Time:	15 minutes at 25° C / 50 % RH
Service Temp Range:	Store in cool dry conditions between ±5° C and ±25° C
Shelf Life:	18 months unopened
European Technical Approval	ETA 14/0381
CE Mark	1121-CPR-JA5047
Chemical and water resistance	The cured sealant is unaffected by water, dilute acids and alkalis, soap and household detergents. Contains a plasticised acrylic polymer, fire retardant fillers, blowing agents and minor additives. No component labelled as dangerous under EEC directives criteria.

APPLICATION DATA

The following dimensions must be observed when using fischer FiGM

Services		Fire Ratings (Minutes)	
Types	Sizes	Integrated Rating	Insulation Rating
PVC pipe	Up to 125mm diam	120	120
HDPE pipe	Up to 90mm diam	120	120
ABS pipe	Up to 90mm diam	120	120
Insulated copper pipe	Up to 60mm diam pipe + up to 32mm insulation	120	120
Cables	Up to 21mm diam x bunches 10 max	120	120
Mixed	Up to 63mm diam HDPE + 21mm diam cables x 10	120	120

Minimum wall thickness = 100mm

ADDITIONAL INFORMATION

Note: Please refer to SDS for further information

Recommendations

1. Can be used in conjunction with a suitable backing material as approved in detailed instruction or approved system
 - i) Non-flammable mineral wool (min. 60 kg/m³)
 - ii) PE backing rod 35 kg/m³
 - iii) fischer FireStop Foam

Storage

1. Storage temperatures between +5°C and +25°C
2. Store away from heat sources
3. Keep container closed until use
4. Monitor expiry date on tube