

# fischer intumescent Acoustic Mastic - FiAM



## DESCRIPTION

fischer intumescent Acoustic Mastic is a one part water based acrylic sealant.

fischer intumescent Acoustic Mastic is suitable for sealing joints and service penetrations in fire walls, partitions, fire rated door frames, glazing systems and linear gap seals. Tested to BS476 Parts 20 and 22, fischer intumescent Acoustic Mastic provides up to 4 hours fire protection and up to 57db acoustic rating.

600ml foil cartridge for productivity savings and sustainability / reduced waste disposal.

The mastic is fast curing approximately 20-30 minutes tack free time.

High movement of +/- 10%.



## FIRE RATING

Joint Size	Depth of Sealant	Integrity	Insulation	Backing	Type of Seal
10mm	10mm	240 mins	30 mins	Backing Rod	Single
15mm	10mm	240 mins	30 mins	Backing Rod	Single
20mm	15mm	240 mins	120 mins	Backing Rod	Dual
20mm	20mm	240 mins	60 mins	Cavity Firestop Strip	Single
30mm	15mm	240 mins	120 mins	Backing Rod	Dual
30mm	15mm	240 mins	60 mins	Cavity Firestop Strip	Single

## APPROVALS

**British Standard**

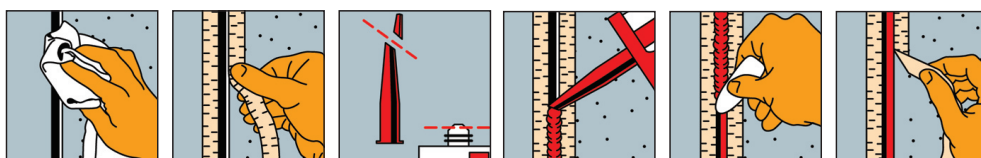
**BS 476-20**

## INSTALLATION

fischer intumescent Acoustic Mastic is used to seal gaps of up to 30mm in block walls, partitions and door frames.

- Remove all loose debris, oil and grease from the joint.
- Mask the adjacent surfaces to the joint.
- Ensure that the joint is filled using an appropriate backing material for the fire rating you are trying to achieve. (See Fire Rating)
- Apply mastic to required depth and width.
- Remove masking.

Do not apply the sealant if the ambient temperature is below 5 °C as adhesion will be impaired.



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## SPECIFICATIONS

Type	Order No.	Size [ml]	Qty. Per Box	Suitable for use with
FiAM 310	53011	310	25	-
FiAM 600	56006	600	12	-
KP M2 Applicator gun	53117	-	1	FiAM 310
Applicator gun 600ml	T.B.C.	-	1	FiAM 600

## ACOUSTIC RATING

Weighted sound reduction Index (Rw) of up to 57db.

Please consult our technical office for more details.

## SMOKE SEAL

fischer intumescent Acoustic Mastic will provide a cold smoke seal.

## COVERAGE

fischer intumescent Acoustic Mastic is available in 310ml cartridges. One cartridge will provide the following coverage rates:

Joint Size	Depth of Sealant	Yield Per Cartridge
10mm	10mm	3.10lin m
20mm	15mm	1.03lin m
30mm	20mm	0.51lin m

## TECHNICAL DATA

Density:	approx. 1.60-1.65 g/cm <sup>3</sup>
Cartridge contents:	310 ml
Application temperature:	+5 °C to +40 °C
Skin-forming time:	approx 20-30 min.
Curing rate:	approx. 2mm in 48 hours*
Volume shrinkage:	approx. 20%
Movement capability:	+/- 10%
Temperature resistance:	-25 °C to 80 °C
Shelf-life after production:	12 months (under recommended conditions)

\* dependant on substrate, air humidity and weather conditions