

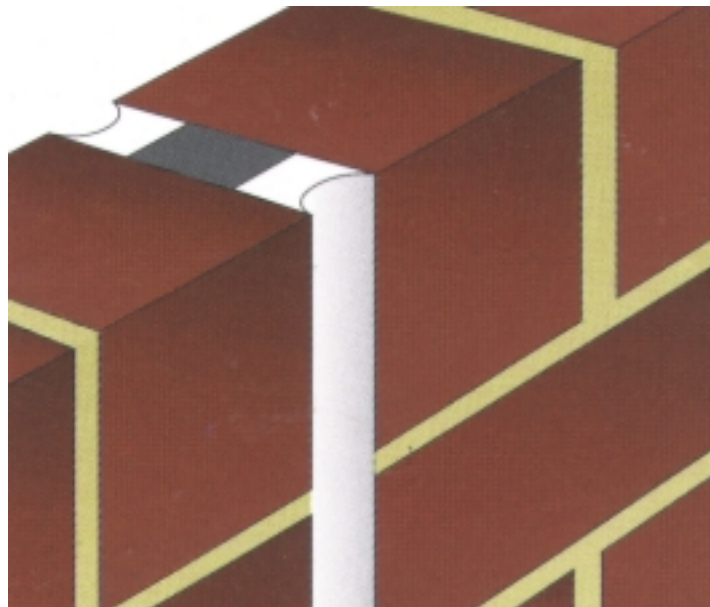


fire stopping and insulation

Suppliers of passive fire products,
acoustic and specialist insulation
Manufacturers of the Safire® Fire Stopping Range

Uniclass	EPIC
CI/SIB	

SAFIRE® INTUMESCENT and ACOUSTIC MASTIC



Safire Intumescent and Acoustic Mastic is a flexible, waterbased, cartridge applied acrylic intumescent sealant.

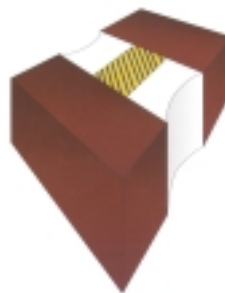
Air curing, it forms a non-hardening flexible seal. When exposed to fire it will swell to 4 times its original size, creating a char, preventing the passage of fire, smoke and toxic gases for up to 4 hours.

- Flexible water based intumescent acrylic sealant
- Tested to BS476 Part 20/22
- Upto 4 hours fire resistant
- Long term flexibility
- Excellent adhesion



SAFIRE a brand of Fire-Us Ltd.

Safire® Intumescent and Acoustic Mastic



WHERE...

Expansion/contraction joints, cartridge applied in gaps up to 35mm
Irregular or uneven gaps around door casings and window sills
Irregular or uneven gaps around service penetrations
Sealing fire protection boards and partitioning

WHY SAFIRE...

Flexibility - Safire Intumescent and Acoustic Mastic is non-hardening, so will allow a degree of substrate movement. Resistant to cracking and splitting.

Excellent Adhesion - Safire Mastic is formulated to give excellent adhesion to most building substrates including brick, concrete, steel and plaster without the use of costly primers.

Water Based - Safire Mastic is virtually odourless, and tools and equipment are easily cleaned without the use of solvents.

Environmentally Friendly - Safire Mastic is Halogen free and contains no fibres, so can be used with confidence.

Smooth Finish - Safire Mastic can be easily tooled to a smooth finish using a wet spatular if required.

INSTALLATION...

Safire Mastic is extruded from a cartridge loaded into a standard skeleton cartridge gun.

1. Ensure all surfaces are sound, clean, dry and free from dust or grease.
2. Use the appropriate backing material to set the depth of the seal. Joint width or depth should be not less than 6mm so that there is sufficient material to give the movement required.
3. Gun in the sealant, taking care to avoid entrapping air or leaving gaps, and ensure there is a complete contact between sealant and substrate.
4. Tool down using a wetted spatular. Store in cool dry conditions.

SPECIFICATION COMPLIANCE

International	4hrs tested to ISO834
UK	4hrs tested to BS476 pt22
Netherlands	4hrs tested to NEN3884/nen6069
Belgium	4hrs tested to NBN713.020
France	6hrs tested to CSTB91.3222
Germany	4hrs tested to DIN4102 part 1 (PA-111 2.2.2022)
USA	2hrs tested to ASTM E 119

TECHNICAL SPECIFICATION

PHYSICAL FORM	Thixotropic paste
COLOUR	White, other colours available to special order
WORKING TIME	25 minutes
SKINOVER TIME	20 minutes
CURE RATE	3mm per day
MOVEMENT	+/- 10%
APPLICATION TEMPS LIMITS	0°C to 70°C
SLUMP	Nil under 30mm joints
SURFACE TEMPS LIMITS	0°C to 100°C
PACKAGING	310ml cartridge, 25 per box
SHELF LIFE	9 months if stored at 5°C to 30°C

HOW TO CALCULATE QUANTITY REQUIRED:

$$\frac{\text{Gap width (mm)} \times \text{Depth (mm)} \times \text{Total Length (m)}}{310}$$

ON SITE SUPPORT

A comprehensive design, advice and support service is offered to architects, specifiers and contractors ensuring trouble free installation.

Your distributor:



Fire-Us Ltd.

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