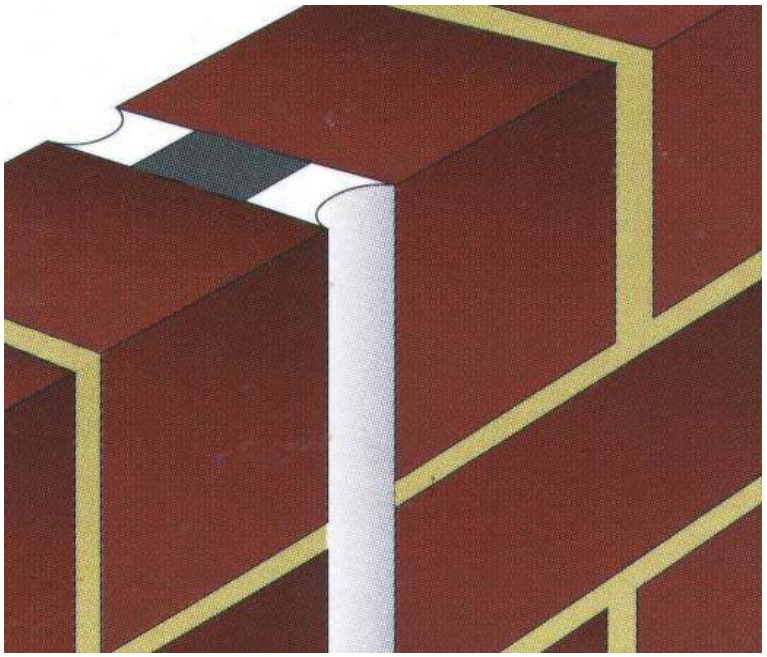
FIREUS

passive fire protection and insulation

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

Uniclass	EPIC
CI/SfB	

Safire® Intumescent and Acoustic Mastic



Safire Intumescent and Acoustic Mastic is a flexible, water-based, 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.**

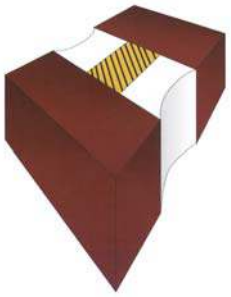
- Flexible water based intumescent acrylic sealant
- Tested to BS476 Part 20/22 - BS/EN 1363-1 & BS/EN 1366-1
- Upto 4 hours fire resistant
- Long term flexibility
- Excellent adhesion

- Available as 310ml cartridge or 600ml foil

www.fireus.co.uk
01524 388898

SAFIRE a brand of Fireus 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 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.

TESTED TO:

BS/EN 1363-1
BS/EN 1366-1
BS 476 Parts 20/22

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
SURACE TEMPS LIMITS	0°C to 100°C
PACKAGING	310ml cartridge, 25 per box 600m l foil
SHELF LIFE	9 months if stored at 5°C to 30°C

HOW TO CALCULATE QUANTITY REQUIRED:

$$\frac{\text{Gap width (mm) x Depth (mm) x Total Length (m)}}{\text{310 (or 600 for foil)}}$$

ON SITE SUPPORT

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

Your distributor:

SAFIRE

FIREUS

Fireus Ltd.
Unit 6 Thetis Road, Lune Industrial Estate, Lancaster, LA1 5QP
Tel. **01524 388898** | Fax. **01524 383724** | Email. **info@fireus.co.uk** | Web. **www.fireus.co.uk**