



passive fire protection and insulation

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

Uniclass	EPIC
C/SIB	

High Temperature Adhesive & Sealant

60
mins



Safire® High Temperature Adhesive and sealant is a silicate based material for use where a high temperature resistant seal or adhesive bond is required.

The product dries to a hard, cement-like material with good adhesion to many surfaces. It has a continuous operating temperature up to a maximum of 1250°C.

After subjection to high temperature above 800°C, the product sets to a solid ceramic mass which is resistant to thermal shock.

Suitable for use where resistance to spread of flame is required.

It is supplied as a ready to use, easily extrudable paste in a 310ml cartridge.

APPLICATIONS

For bonding and sealing between a wide range of materials such as metal, glass, ceramic, concrete, stone, clay and silicate(glass) fibre.

Provides a high temperature, rigid seal around pipework and flues in fireplaces, boilers, solid fuel burners and central heating systems.

General fire protection applications where a rigid seal is required.



SAFIRE a brand of Fireus Ltd.

Application Instructions

- All surfaces must be clean and dry and free from dirt, dust, grease and other contamination. Light abrasion of the surfaces to be bonded will improve the adhesion.
- Apply the adhesive from the cartridge, forcing it onto the area to be sealed, then immediately tool it down to ensure good adhesion. Complete tooling within 5-10 minutes.
- When bonding materials, apply a bead of adhesive to one surface and immediately combine the two parts, applying pressure to ensure good surface contact.
- Application equipment should be cleaned with warm water after use.

Storage

Store in cool dry conditions. (5oC to 30oC)



Technical Details

Density:	1.75-1.85g/cm ³
Flash Point:	does not support combustion
pH:	13
Application Temperature Range:	5oC to 40oC
Service Temperature Range:	-20oC to 1250oC (starts to soften at 1200oC; melts at 1300oC)
Slump Resistance:	Excellent. Soft highly thixotropic paste.
Initial Drying:	Skins within 5 minutes (20oC and 65% RH)
Through drying:	Approx. 5mm/day (20oC and 65% RH)
Oxidation resistance:	Excellent
Acid Resistance:	Excellent (except for hydrofluoric acid)
Shelf Life:	12 months in unopened containers stored in cool, dry conditions.(5oC to 30oC)
Colour:	natural (buff)
Coverage:	45m for a 3mm diameter bead for a 310ml cartridge

Other products in the Fireus Products range:

FIRE BARRIERS: Total Comfort Rock Fibre Fire Blanket

FIRE STOPPING: Compound
Fire Collars
Barriers (Batts)
Sealants
Fire Pillows
Expansion Joints
Flamestop60
Flamestop FSI

THERMAL: Industrial thermal and acoustic insulation

For information on any of the above, or the name of your nearest distributor, please contact our sales department on tel. 01524 388898.

Alternatively, product information is available from our web site at www.fireus.co.uk

Your distributor:



Fireus Ltd.

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