
TECHNICAL DATA SHEET

PRODUCT

FIRE CEMENT

DESCRIPTION

Fixology Fire Cement is a ready mixed, air drying, silicate based material for use as a joint filler and adhesive where high temperature resistance, up to 1250°C, is required.

The product dries to a hard, cement-like material with good adhesion to many surfaces.

SPECIFICATION COMPLIANCE

No specification available for this product.

APPLICATIONS

For sealing around pipework and flues in fireplaces, boilers, solid fuel burners and central heating systems.
Repairing fire backs.

LIMITATIONS

Fixology Fire Cement will not bond plastics materials, particularly where flexing may occur.
Do not use the cement on joints exposed to wet conditions.

TECHNICAL DETAILS

Density:	1.80-1.90g/cm ³
Flash Point:	does not support combustion
Application Temperature Range:	5°C to 40°C
Service Temperature Range:	-20°C to 1250°C
Slump Resistance:	Excellent. Soft highly thixotropic paste.
Initial Drying:	Skins within 5 minutes (20°C and 65% RH)
Through drying:	Approx. 5mm/day (20°C and 65% RH)
Service Life:	Approximately 10 years when used as recommended.
Shelf Life:	12 months in unopened containers when stored under cool, dry conditions.(5°C to 30°C)
Colour:	natural

Cont.

APPLICATION INSTRUCTIONS

All surfaces must be clean and dry and free from dirt, dust, grease and other contamination.

Apply the adhesive from the cartridge, forcing it into the area to be sealed, then immediately tool it down to ensure good adhesion.

When bonding materials, apply a bead of adhesive to one surface and immediately combine the two parts , applying pressure to ensure good surface contact.

Allow to air dry for 24 hours, after which gentle heat can be gradually applied.

At temperatures in excess of 800 °C the material will start to 'glassify'.

STORAGE

Store in cool dry conditions. .(5°C to 30°C)

HEALTH AND SAFETY

See Health & Safety data sheet before using the product. Should any of the adhesive come into contact with eyes, then flush eyes liberally with clean water and seek medical advice. If accidentally ingested, seek medical attention and show the container or label.

KEEP AWAY FROM CHILDREN AND ANIMALS.

Further Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate

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