



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

Safire® Graphite Pressure Exerting Mastic

DESCRIPTION

BritChem FR35 Pressure exerting mastic is designed for the sealing of small to medium size penetrations of pipes and single or bunched cables. It is a water based acrylic resin formulation that quickly dries on application to a flexible and cohesive sealant.

APPLICATIONS

Producing a permanent fireseal in penetrations up to 300 cm², sealing around cable penetrations and pipe (up to 70mm diameter) penetrations in conjunction with mineral wool. It can also be used for filling fissures and gaps in firewalls and floors. The dry mastic is paintable.

TECHNICAL DETAILS

Colour:	Graphite
Specific Gravity:	1.32 – 1.38
Skimming Time (23oC/50%RH):	15 – 30 mins
Cure time (23oC/50%RH):	3mm/24hr depending on joint size and situation
Movement Capability:	+/- 15% (when cured)
Activation Temperature:	Approx 150°C
Application Temperature:	5oC to 40°C
Service Temperature:	-20°C to +80°C
Expansion:	min. 5:1
Shelf Life:	min. 12 months when stored in unopened containers as recommended.

APPLICATION INSTRUCTIONS

Clean the penetration opening so that it is free of dust, grease and any loose material. Cable trays and pipe supports must be installed according to building regulations.

Pack non-flammable mineral wool into the penetration opening around the cables/pipes, leaving 50mm depth at either surface. Apply FR35 mastic to completely fill the 50mm surface voids. Trowel in firmly to ensure the mastic is packed into gaps between cables etc. The surface of the mastic can be smoothed with a wet spatula immediately after application.

STORAGE

Store in cool dry conditions. **PROTECT FROM FROST.**

HEALTH AND SAFETY

BritChem FR35 pressure Exerting mastic presents no known health hazards when used as recommended. Consult Health and Safety data sheet for further information. As with all chemical product, care should be taken during use and storage to avoid contact with foodstuffs, skin, eyes and mouth. If accidentally ingested, seek medical attention do not induce vomiting and give copious amounts of water to drink. **KEEP AWAY FROM CHILDREN AND ANIMALS.**

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