



TECHNICAL DATA SHEET

PRODUCT SAXON GRAPHITE PRESSURE MASTIC

DESCRIPTION

SAXON Graphite Pressure mastic is an intumescent firestop sealant that helps to prevent passage of fire and smoke. It is intended for use in service penetrations passing through fire rated walls and can provide up to 4 hours integrity and insulation when used correctly.

It is a water based acrylic resin formulation that quickly dries on application to a flexible and cohesive sealant. It is smoke, gas and water resistant, halogen free and being water based, easy to clean up.

APPLICATIONS

Designed for the sealing, in combination with mineral wool, of small to medium size penetrations of pipes and single or bunched cables in openings up to 300 cm².

It can be used with plastic pipes, uninsulated and insulated metal pipes and bunched or cable tray supported cable penetrations

It can also be used for filling fissures and gaps in firewalls and floors. The dry mastic is paintable.

FIRE TESTING

Tested in accordance with BS EN 1366 Part3

TECHNICAL DETAILS

Colour:	Graphite
Specific Gravity:	1.46 – 1.54
Skinning Time (23°C/50%RH):	15 – 30 mins
Cure time (23°C/50%RH):	3mm/24hr depending on joint size and situation
Movement Capability:	+/- 12.5% (when cured)
Shore A Hardness	approx. 60
Activation Temperature:	Approx 150°C
Application Temperature:	5°C to 40°C
Service Temperature:	-10°C to +80°C
Expansion Factor (ASTM E2786-10):	6.9
Shelf Life:	min. 12 months when stored in unopened containers as recommended.





FIRE RATING

Component type	Depth of sealant	Annular clearance	Integrity (mins)	Insulation (mins)
Up to 55mm diameter plastic pipe	2 x 40mm	20 - 30mm	240	240
Up to 80mm diameter metal pipe	2 x 40mm	20 - 30mm	240	--
Up to 70mm diameter cable bunch	2 x 40mm	20 – 30mm	240	240
100mm cable tray	2 x 40mm	25mm	240	240

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 40mm depth at either surface. Apply SAXON mastic to completely fill the 40mm 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

SAXON 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.**

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

