FIREPRO®

FIRE RESISTANT SILICONE SEALANT

A high performance fire stopping sealant



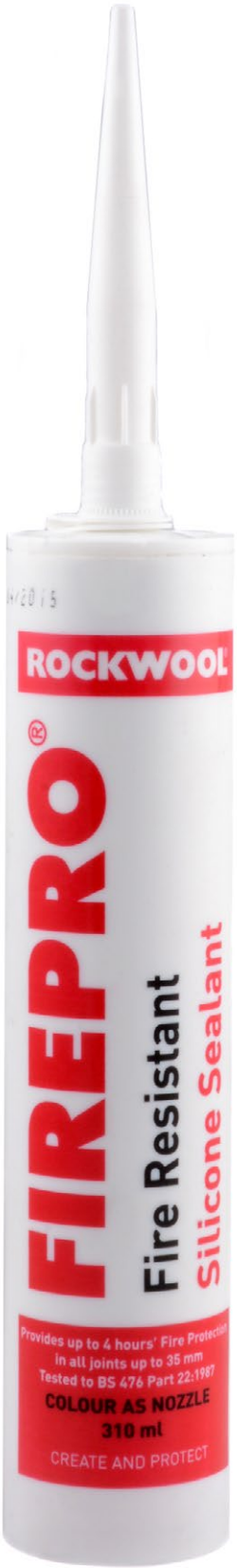
ROCKWOOL®

FIREPRO® FIRE RESISTANT SILICONE SEALANT

ROCKWOOL Fire Resistant Silicone Sealant is a one part alkoxy cure silicone with excellent un-primed adhesion to most building surfaces.

This high specification product is designed to be used in joints with high movement capability or where they are formed between dissimilar substrates, e.g. steel and masonry.





Advantages

- Up to 4 hours fire resistance
- Easily applied cartridge application
- Sealing joints up to 40mm
- Suitable with multiple substrates
- Suitable in joints with high movement capability
- Durable – Up to 25 years service

Description

ROCKWOOL Fire Resistant Silicone Sealant is a one party alkoxy cure silicone supplied in 310ml cartridges. ROCKWOOL Fire Resistant Silicone Sealant offers excellent adhesion to a number of substrate types which include steel and masonry.

Applications

ROCKWOOL Fire Resistant Sealant is a high performance silicone which has been designed for use in joints with high movement capability or where joints are formed between multiple substrate types. ROCKWOOL Fire Resistant Silicone Sealant is suitable for joints up to 40mm and can provide up to 4 hours fire resistance.

Performance

Fire performance

Table 1 - Fire performance

Joint size (mm)	Sealant depth (mm)	Backing material	Dimensions	Single or dual seal	Integrity (in mins)	Insulation (in mins)
15	10	PE	25mm diameter	Single	240	120
15	10	Mineral wool (density 90kg/m²)	15mm thick x 10mm depth	Dual	240	240
25	15	PE	30mm diameter	Single	240	120
40	25	Mineral wool (density 90kg/m²)	40 x 25mm depth	Dual	240	240

Technical information

Standards and approvals

Fire Resistant Silicone Sealant is tested to BS 476: Part 20

Fire Resistant Silicone Sealant is third party accredited through IFC and Certifire.

Product information

Property	Description
Pack Size	310ml Cartridge
Colour	White
Application Temperature	≥ 5°C
Yield	27lm/L
Fire Resistance	Up to 4 hours

Installation

Application of ROCKWOOL Fire Resistant Silicone Sealant it is a simple process as the product is extruded from a cartridge loaded into a standard sealant gun. The depth of the joint will depend on the gap to be filled and the fire rating required (see Table 1).

All surfaces must be thoroughly clean and free of bond breaking contaminants prior to application of the sealant. No priming is required for most construction substrates; however, we recommended that a small area be tested on substrates.

The sealant should not be applied if the ambient temperature is below 5° C as adhesion will be impaired.

Coverage

ROCKWOOL Fire Resistant Silicone Sealant is available in 310ml cartridges. One cartridge will provide the following coverage rates:

Joint size (mm)	Metres per litre
6x6	27.75
9x6	18.50
12x9	9.25
18x12	4.75
25x10	4.00

Specification clauses

ROCKWOOL Fire Resistant Silicone Sealant is associated with the following NBS clauses:

E40 Designed joints in in-situ concrete

- 530 Sealant

F30 Accessories/sundry items for brick/block stone walling

- 610 Movement joints with sealant

L10 Windows/Rooflights/Screens/Louvres

- 790 Fire resisting frames

L20 Doors/Shutters/Hatches

- 820 Sealant joints

P12 Fire stopping systems

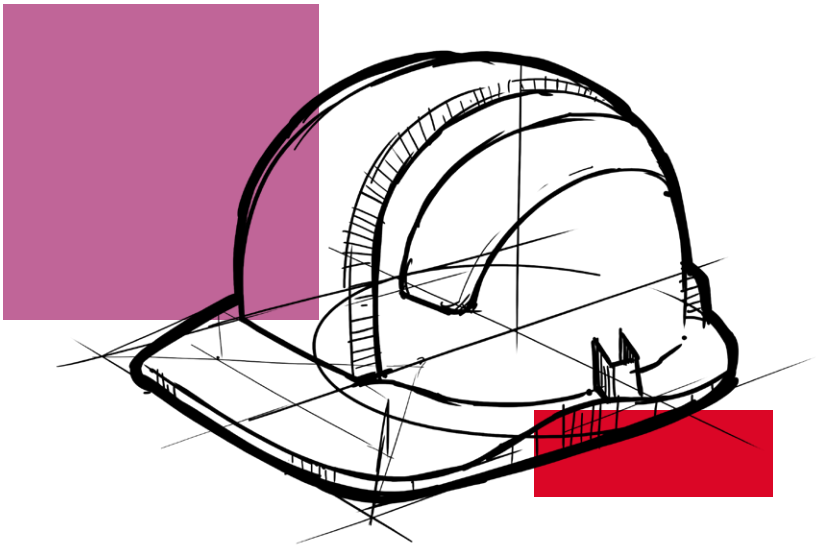
- 395 Sealant: One part fire resisting acrylic

Disclaimers

This product should only be utilised for applications as outlined in the relevant ROCKWOOL product datasheet and in accordance with the relevant ROCKWOOL Fire Resistance Testing. Additionally, the product must be installed in accordance with the current ROCKWOOL guidelines. For further information please visit www.rockwool.co.uk or contact our Technical Solutions Team on 01656 868490.

Supporting Information

For further information relating to any aspect of the FirePro range, please refer to the applicable ROCKWOOL standard details at www.rockwool.co.uk or contact the ROCKWOOL technical solution team on 01656 868490 or technical.solutions@rockwool.co.uk.



Sustainability

As an environmentally conscious company, ROCKWOOL promotes the sustainable production and use of insulation and is committed to a continuous process of environmental improvement.

All ROCKWOOL products provide outstanding thermal protection as well as four added benefits:

- **Fire resistance**
- **Acoustic comfort**
- **Sustainable materials**
- **Durability**

Health & Safety

The safety of ROCKWOOL stone wool is confirmed by current UK and Republic of Ireland health & safety regulations and EU directive 97/69/EC:ROCKWOOL fibres are not classified as a possible human carcinogen.

A Material Safety Data Sheet is available and can be downloaded from www.rockwool.co.uk to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH).

Environment

Made from a renewable and plentiful naturally occuring resource, ROCKWOOL insulation saves fuel costs and energy in use and relies on trapped air for its thermal properties.

ROCKWOOL insulation does not contain (and has never contained) gases that have ozone depletion potential (ODP) or global warming potential (GWP).

ROCKWOOL is approximately 97% recyclable. For waste ROCKWOOL material that may be generated during installation or at end of life, we are happy to discuss the individual requirements of contractors and users considering returning these materials to our factory for recycling.



Interested?

For further information, contact the Technical Solutions Team on 01656 868490 or email technical.solutions@rockwool.co.uk

Visit www.rockwool.co.uk to view our complete range of products and services.

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Notes

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