



# **FIREPRO® SILICONE X**

## Fire resistant silicone sealant

Supplied in 310ml cartridges, FIREPRO® Silicone X is a fire resistant silicone sealant designed for use as a linear joint seal within construction joints of walls and floors. Silicone X is white in colour, and once cured is a permanently flexible silicone rubber.

- Movement capability of  $\leq 7.5\%$
- Suitable for internal and external use
- Can provide a cold smoke seal
- Tested with multiple substrates
- Cartridges contain 30% recycled plastic



# FIREPRO® SILICONE X



## APPLICATIONS

Silicone X is suitable for linear construction joints of up to 60mm and can be used to reinstate the fire resistance of rigid floors, rigid and flexible walls.

Silicone X is suitable for use within joints formed by multiple substrates which include:

- Masonry to masonry
- Masonry to steel
- Masonry to softwood
- Masonry to hardwood
- Masonry to plasterboard

# FIREPRO® SILICONE X

## PERFORMANCE

### Fire performance

FIREPRO® Silicone X has been tested in accordance with BS EN 1366-4:2006 and can achieve fire resistance ratings of up to 4 hours\* (integrity). \*Subject to the application

Silicone X has been certified by UL and CE marked to EAD 350141-00-1106.

Use the links below to access further information on fire performance:

[UL-EU Certificate - UL-EU-01246-CPR >](#)

[ETA 22/0156 >](#)

[Certificate of constancy of performance - 2531-CPR-CXO10362 >](#)

[Fire Stopping Standard Details Guide >](#)

## PRODUCT INFORMATION

Property	Description
Material	One-part neutral curing silicone
Weight	1.38g/cm <sup>3</sup> (nominal)
Colour	White
Shelf Life	12months*
Skin time	~ 10 minutes (23°C/50% r.h)
Flow resistance	2mm
Curing rate	3mm / 1 day (23°C/50% r.h)

\*Shelf life is subject to product being stored appropriately. For unopened material, store in a well ventilated, dry, cool environment. Recommended temp ranges +5°C - +35°C. Protect against exposure to direct sunlight.

## STANDARDS AND APPROVALS

Certificate
FIREPRO® Silicone X has been tested to BS EN 1366-4:2006
CE marked to EAD 350141-00-1106
Third party certification through UL, Certificate No. UL-EU-01246-CPR



# FIREPRO® SILICONE X

## INSTALLATION

1. The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose particles. The product does not require a primer on most common surfaces, although adhesion tests are recommended prior to full scale application.
2. Adequate space and accessibility should be provided for applying and tooling the sealant. A suitable backing material to control the sealant depth may be required, please refer to ETA 22/0156.
3. The joint depth should be such as to provide a minimum sealant depth required as per ETA 22/0156.
4. The sealant should be gunned firmly into the joint ensuring that it is in full contact with the sides of the joint. Failure to carry this out may result in poor adhesion of the sealant and ultimate failure of the joint.
5. Tooling of the sealant may be necessary to achieve an acceptable appearance. This is accomplished by drawing a flat tool over the surface of the sealant to produce a smooth neat finish. Tooling also compresses the sealant into the joint enhancing the adhesion to the joint sides.
6. Clean all tools and application equipment with water immediately after use.

Important:

- Not to be used where joints are to be constantly immersed in water.
- Do not use on substrates that are likely to release solvents, oils or plasticizers.

## SPECIFICATION CLAUSES

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

<b>E40 Designed joints in in-situ concrete</b>
530 Sealant
<b>F30 Accessories/sundry items for brick/block stone walling</b>
610 Movement joints with sealant
<b>L10 Windows/Rooflights/Screens/Louvres</b>
790 Fire resisting frames
<b>L20 Doors/Shutters/Hatches</b>
820 Sealant joints
<b>P12 Fire stopping systems</b>
395 Sealant: One part fire resisting acrylic

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## DISCLAIMERS

ROCKWOOL Limited, its affiliates, its agents and employees and all persons acting on its or their behalf (collectively "ROCKWOOL"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

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ROCKWOOL makes no warranty, representation or guarantee regarding the information contained in the data sheet, the suitability of the products for any particular purposes or the continuing production of any product. To the maximum extent permitted by applicable law, ROCKWOOL disclaims (i) any and all liability arising out of the application, use of any product, misuse or inability to use the product (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.

## SUPPORTING INFORMATION

For further information relating to any aspect of the FIREPRO range, please refer to the applicable ROCKWOOL standard details at [www.rockwool.com/uk](http://www.rockwool.com/uk) or contact the ROCKWOOL technical solution team on 01656 868490 or [technical.solutions@rockwool.com](mailto:technical.solutions@rockwool.com).

## 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.com/uk](http://www.rockwool.com/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 occurring 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.