

Fire Resistant Silicone Sealant

Tools required

- Sealant gun
- Sharp knife

Fixing and application

Application of ROCKWOOL Fire Resistant Silicone Sealant 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).



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/m ²)	15mm thick x 10mm depth	Dual	240	240
25	15	15	30mm diameter	Single	240	120
40	25	Mineral wool (density 90kg/m ²)	40 x 25mm depth	Dual	240	240

All surfaces must be thoroughly clean and free of bond breaking contaminants prior to application of the sealant.

1. No priming is required for most construction substrates; however, we recommend that a small area be tested on substrates for adhesion.
2. Insert backing material to correct depth dependent on joint size and fire rating required.
3. Apply the silicone sealant to the correct depth.
4. 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:

Table 2

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

Health & safety

The mechanical effect of fibres in contact with skin may cause temporary itching.



Cover exposed skin
When working in unventilated area wear disposable face mask.



Clean area using vacuum equipment.



Waste should be disposed of according to local regulations.



Rinse in cold water before washing.



Ventilate working area if possible.



Wear goggles when working overhead.