

Rooflex Sealant

Product Description

High performance polymeric roofing and joint sealant

Rooflex Sealant is a gun-applied moisture curing modified polymer compound with outstanding resistance to weathering and joint movement, coupled with excellent adhesive properties.

Typical Uses

Rooflex Sealant is ideal for repairing joints, gaps, cracks and holes in all types of roof area prior to application of waterproof coatings. It is recommended for use with most Polycote roof waterproofing systems. If in doubt, please contact Polycote technical helpline.

Suitable substrates: *Rooflex Sealant* may be applied to asphalt, bitumen, felt, asbestos, concrete, roofing tiles, slate, brick, stone, cast iron, galvanised steel, aluminium, lead, zinc, glass and timber.

Colour: *Rooflex Sealant* is grey in colour.

Packaging: *Rooflex Sealant* is supplied in 380ml cartridges, complete with polyethylene nozzles.

Direction For Use

Surface Preparation

For optimum joint movement accommodation, the joint must be NO LESS THAN 6mm wide. Narrower joints and cracks subject to movement must therefore be raked out and opened out to this minimum size. The prepared surface should be dry, clean, sound and free of flaking or loose material, moss or fungal growth. Any previous joint sealant material should be removed. Porous surfaces should be sealed with *Jointex SP Primer* before applying *Rooflex Sealant*.

Priming

A single coat of *Jointex SP Primer* should be applied if appropriate using a clean dry brush and allowed to dry for 60 minutes. *Rooflex Sealant* should then be applied as soon as possible and in any case, within 8 hours.

Application Instructions

1. Cut the cartridge tip carefully.
2. Attach the nozzle and cut to required bead size.
3. Apply using a caulking gun.

Application Temperature

Rooflex Sealant should be applied at a temperature between 5°C and 35°C.

Curing Time

At 20°C, with a RH of 65%, *Rooflex Sealant* will form a tack-free skin after 20 minutes and cure at a rate of 2mm per 24 hours.

Coverage

Nominal Joint Depth	Linear Metres per 380ml Unit
6mm x 6mm	10.5m
9mm x 6mm	7m
12mm x 9mm	3.5m
18mm x 10mm	2.1m
25mm x 10mm	1.5m

Physical Properties

Typical Shore A Hardness:	50
Chemical Resistance:	Resists most dilute acids & alkalis
UV Resistance:	Very Good
Movement Accommodation - Butt Joints:	35%
Modulus @ 100% Extension:	1.12N/mm ²
Maximum Extension:	220%
Tensile Strength at Break:	1.3 - 1.5N/mm ²
Service Temperature:	-40°C to +120°

Cleaning

Tools and equipment should be cleaned whilst material is still wet using Solvent Cleaner. Hands and skin should be cleaned immediately with organic hand cleaner.

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Shelf Life & Storage

Shelf life in unopened containers is 12 months, subject to conditions of storage. Store in a cool, dry frost-free environment away from sources of ignition.

Health & Safety

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

Any Questions

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.

Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline: **01234 846400**

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

