

Product Information:

Roofing Sealant 543

For bonding, sealing and repairing of roofing felt and coverings.

General description & application:

Roofing Sealant 543 is a 1-component bitumen-based adhesive for roofing felt on roofing felt and on other construction materials.

Roofing Sealant 543 can be used for jointing edges of new roofing felt, for cold jointing of roofing felt and flashings against chimneys, ventilation pipe, and roof windows and for damage reparation of roofing felt.

The product is suitable for sealing of roof tiles.

Roofing Sealant 543 makes a plastic elastic joint.

Adheres to clay, brick, fibre cement, zinc, roofing felt, asphalt etc.

The product is registered in the database for construction products that can be included in the Nordic Ecolabelled construction.

**Physical / chemical properties:****Uncured sealant:**

Type:	Bitumen based, 1-component
Contains fungicide:	No
Consistency:	Paste, thixotropic sealant
Specific gravity:	ca. 1,0 kg/litre
Shelf life:	3 years in unopened packing.
Storage:	Store dry and cool. It is particular important to protect plast-cartridges against moisture.

Packaging:

Item no.	Colour	Size
54335	Black	300 mL cartridge
54365	Black	600 mL foilbag

Cured sealant:

Paintable:	No
Resistance:	Temperature: Approx. -40 °C to 120 °C. Climatic aging (UV): Good



Directions for use:

- Preparation:** *All surfaces must be clean, dry, free of grease, dust and loose particles. Roofing Sealant 543 can normally be used without primer on surfaces like bitumen, stainless steel, aluminium, zinc, lead, cobber, rubber, pvc etc.*
- Roofing Sealant 543 is primarily a sealing and adhesive product, it can be used as a sealant, however, the product is not suitable for movement joints, and it is to be expected Roofing Sealant 543 to form a cracked appearance on the surface after a while, this is completely normal and has no effect on the product's function.*
- When used as a sealing product for roof tiles 1.8 – 2.5 kg/m² is used, corresponding to 3 – 4 foilbags per m².*
- In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient bonding tests before commencing – particular in larger applications.*
- When sealing on wet surfaces, it is important to press the sealant hard against the surface.*
- Application temperature:** *Can be applied at temperatures from +5 °C to +35 °C. The product becomes firmer when low temperatures, if the cartridge is cold, cut a little extra from the joint tip. Best working temperature of cartridges and foilbags is +18 °C.*
- Application:** *The tip of the cartridge is cut off with a keen knife after which the tip is cut with an inclined cut, which is a bit smaller than the width of the joint. The sealant is applied by means of a hand- or pneumatic gun.*
- When used in closed rooms, please provide adequate ventilation of the room.*
- Curing:** *Tack free after approx. 24 hours. Cures through within 1-3 weeks, depended on the temperature and the thickness of the joint.*
- Treatment:** *If the Roofing Sealant 543 is used in places with regular traffic, it is recommended to protect it from wear and tear and mechanical influences.*
- Cleaning:** *Tools can be cleaned, and sealant removed with e.g. heptane or white spirit.*

Health and safety:

For further information on safety, refer to product safety data sheet.

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.

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