

Product Information:

Roof Sealant 559

Roofing sealant for sealing and repairing

Product description & use:

Roof Sealant 559 is a 1-component special sealant based on SBR-rubber. It distinguishes itself by bonding to almost any surface, even moist ones.

Roof Sealant 559 can be used for sealing roofing tiles, around chimneys and ventilation pipes.

Roof Sealant 559 can be painted and is weather resistant.



Physical / chemical properties:

Uncured sealant:

- Type: SBR based elastic sealant
- Contains fungicide: Yes
- Consistency: Paste, tixotropic sealant
- Specific gravity: ca. 0,95 kg/liter
- Shelf life: Min. 2 years in unopened packing, if stored cool and dry.
- Packaging:

Item no.	Colour	Size
75901	Transparent	300 ml patron
75905	Black	300 ml patron

Cured sealant:

- Paintable: Yes
- Shrinkage: ca. 20 %
- Hardness: ca. 25 Shore A (ISO 828). The hardness of the sealant will increase in time.
- 100 % Modulus: ca. 0,5 N/mm² (ISO 37)
- Resistance: Temperature: Approx. -25 °C to 80 °C, depending on the strength of the sealant.
The sealant turns softer with increased temperature.
Water: Can withstand a strong influence of water.



Directions for use:

- Joint dimensions:** *The joint should be min. 5 mm and max. 10 mm wide. The depth of the joint is usually half the width, however at least 5 mm and max. 8 mm. Use joint back-up material in the right dimension, which is placed according to the wanted depth of the joint.*
- Bonding:** *Roof Sealant 559 is applied to the one surface, and right after the items is pressed together. Depending on the construction it can be necessary to hold the items together until the sealant is cured. Be aware that the sealant cures by evaporation and is therefore not suited for bigger closed surfaces.*
- Preparation:** *All surfaces must be clean, dry, free of grease, dust and loose particles. Roof Sealant 559 can be used without primer on surfaces like glass, most metals, most painted surfaces, and wood, concrete, bricks, tiles etc. Roof Sealant 559 can be used on moist surfaces – not direct wet surfaces.*
- 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.*
- We recommend the use of covering tape, which should be removed immediately after application of the sealant.*
- Application temperature:** *Can be applied at temperatures from +5 °C to +35 °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.*
- Curing:** *Skin formation: approx. 2 - 5 minutes at 23 °C and 50 % RH.
Curing time: 0,5 – 1 mm/day, at 23 °C and 50 % RH.
The curing time is increased at lower temperatures and lower air humidity.*
- Treatment:** *After curing Roof Sealant 559 can be painted with most types of paint. Because of the many different products in the marked, we recommend tests to be carried out.*
- Cleaning:** *Tools can be cleaned - and sealant removed with petrol 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.

DANA LIM A/S - KØBENHAVNSVEJ 220 - DK-4600 KØGE – DENMARK – INFO@DANALIM.DK

PH. (+45) 56 64 00 70 - TECHNICAL SERVICE PH. (+45) 56 64 00 75

Roof Sealant 559 – Date of issue 10.08.2021 - Page 2/2