

Product Information:

Silicone A 571


For sealing applications outdoor & indoor**General description and applications:**

Silicone A 571 is an elastic one-component acetic curing silicone sealant. It cures in a reaction with air humidity to an elastic joint, which has a movement capability of +/- 25 %.

Silicone A 571 is suitable for most sealing applications, both in- and outdoor. For example, sealing and maintenance in kitchens, baths, pipes, around windows etc.

Silicone A 571 has excellent adhesion to glass and enamel etc.

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

Member of  Danish Association of Sealant Applicators & Manufactures.

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

Type:	Acetic curing elastic silicone sealant.
Contains fungicide:	No
Consistency:	Paste, tixotropic
Specific gravity:	Approx. 0,96 kg/L.
Shelf life:	18 months in unopened packing, if stored cool and dry.
Packaging:	

Item no.	Colour	Size
79181	Transparent	300 ml cartridge

Cured sealant:

Paintable:	No
Hardness:	Approx. 15 Shore A
Maximum movement accommodation:	+/- 25 %
Temperature resistance:	-30 °C to 120 °C. Higher temperatures can be accepted for shorter periods.
Water resistance:	Resists water, but not constant influence.



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Directions for use:

Joint dimensions:

Joints for which Silicone A 571 is used should be dimensioned so that the movement of the sealant is below +/- 25 %. The joint should be min. 4 mm and max. 30 mm wide. The depth of the joint is usually half the width, however at least 3 mm and max. 10 mm. Use joint back-up material in the right dimension, which is placed according to the wanted depth of the joint.

Preparation:

All surfaces must be clean, dry, free of grease, dust and loose particles. Silicone A 571 can be used without primer on surfaces like glass and enamel etc. For some surfaces the use of a primer is recommended.

For more detailed information, please refer to adhesion table in the brochure » Sealants - Product Guide «.

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 conditions:

Can be applied at temperatures from +5 °C to +40 °C and a relative air humidity at minimum 30 %.

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.

The sealant is pressed in place and finished with a joint nail dipped in a soap dilution immediately after application.

Curing:

Skin formation: Approx. 5 minutes at 23 °C and 50 % RH.

Tack free: Approx. 30 minutes at 23 °C and 50 % RH.

Curing time: 1 – 2 mm/day, dependant on air humidity and temperature.

The curing time is increased at lower temperatures and lower air humidity.

Treatment:

Silicone A 571 cannot be painted.

Cleaning:

Tools can be cleaned - and sealant removed - with acetone.

Cured sealant can only be removed mechanically or with DANA Silicone Remover 911.

Hands should be washed with water and soap.

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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