

Product Information:

PU Building Sealant 532

All-round building sealant - paintable

General description and applications:

PU Building Sealant 532 is a fast curing one-component high elastic polyurethane sealant, suitable for almost all kinds of joints, indoors as well as outdoors.

It is particularly suitable for expansion joints, in small and large building elements, in traditional brickwork and for joints around door- and window casing.

PU Building Sealant 532 has a good adhesion to most building materials, without the use of primer. Primer 960 is recommended for a good adhesion to materials like PVC and Aluminium, and Primer 961 for more porous surfaces.

The sealant has good resistance towards ageing and can be painted.



Member of **F50** Danish Association of Sealant Applicators & Manufacturers

Physical / chemical properties:

Uncured sealant:

Type: Elastic polyurethane sealant, 1-component
 Contains fungicide: No
 Consistency: Paste, tixotropic
 Specific gravity: approx. 1,2 kg/litre.
 Shelf life: 12 months in unopened packing, if stored cool and dry.
 Packaging:

Item no.	Colour	Size
53232	White	310 ml cartridge
53262		600 ml foilbags
53233	Grey	310 ml cartridge
53263		600 ml foilbags

Cured sealant:

Movement accommodation: +/- 25 %
 Hardness: approx. 25 shore A
 Elongation at break: >400%
 Resistance: Temperature: approx. -30 °C to +80 °C
 Climatic ageing: Good
 Water: Good

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Directions for use:

- Joint dimensions:** Joints for which PU Building Sealant 532 is used should be dimensioned so that the movement of the sealant is below +/- 25 %. The joint should be min. 6 mm and max. 30 mm wide. Use joint back-up material use in the right dimension, which is placed according to the wanted depth of the joint. The depth of the joint is usually half of the width, although small joints should be square.
- Preparation:** All surfaces must be clean, dry, free of grease, dust and loose particles.
PU Building Sealant 532 can be used without primer on most building materials.
- 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 tasks.
- 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 +35 °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 joint is pressed in place and finished with a joint nail dipped in water, immediately after application.
- Curing:** Skin formation: approx. 4-7 hours at 23 °C and 50 % RH.
2mm/24 hours at 23 °C and 50 % RH.
The curing time is increased at lower temperatures and lower relative humidity.
- Treatment:** After curing PU Building Sealant 532 can be painted with most types of paint.
Because of the many different products on the market, we recommend tests to be carried out.
- Cleaning:** Tools can be cleaned, and sealant removed with e.g. heptanes or white spirit.
Cured sealant can only be removed mechanically.
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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