

**Product Information:**

# PU Sealant & Adhesive 534

**For sealing and gluing, high aging resistance**

**General description and applications:**

PU Sealant & Adhesive 534 is a 1-component high elastic polyurethane sealant.  
PU Sealant & Adhesive 534 is a sealant and adhesive for building and industry.

It is particularly suitable for joints between building elements, sealing and gluing of tiles, panels and lists etc. PU Sealant & Adhesive 534 is also suitable for joints in the auto- and container industry.

PU Sealant & Adhesive 534 has a good adhesion to most building materials, without the use of primer. The sealant has excellent resistance towards ageing and can be painted.

PU Sealant & Adhesive 534 is suitable for joints in wooden and concrete floors.

PU Sealant & Adhesive 534 meets the requirements in ISO 11600 F/PW 25HM.



Member of **F&O** 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	
53432	White	300 mL cartridge	
53433	Grey	300 mL cartridge	
53434	Brown	300 mL cartridge	<b>order item</b>
53435	Black	300 mL cartridge	
53462	White	600 mL foilbags	
53838	Grey	600 mL foilbags	<b>order item</b>

**Cured sealant:**

Elasticity: +/- 25 %  
 Elongation at break (ISO 37): >600 %  
 Tensile strength (ISO 37): >2,5 N/mm<sup>2</sup>  
 Tear strength (ISO 34): > 10 N/mm  
 Hardness (ISO 868): Approx. 45 shore A  
 Resistance: Temperature: approx. -40 °C to +90 °C  
 UV: Good  
 Water: High water resistance, both in fresh and salt water, can be used both above and below the waterline.  
 Chemical: High resistance to certain acids, bases, oils (motor oil, hydraulic oils etc.) For detailed information contact Technical Service.

**CE**

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EN 15651-1  
 F-EXT-INT CC  
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 PW-EXT-INT CC



## Directions for use:

- Joint dimensions:** Joints for which PU Sealant & Adhesive 534 is used should be dimensioned so that the movement of the sealant is below +/- 25 %. Use joint back-up material in the correct 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 Sealant & Adhesive 534 can be used without primer on most building materials. Primer 960 is recommended for pvc and aluminium and Primer 963 for porous 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 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 +35 °C and a relative air humidity at minimum 30 %.
- Application:** The cartridge is opened at the bottom by lifting the metal clip upwards and pulling off the aluminium lid. At the top of the cartridge, the seal is broken by inserting a screwdriver through the aluminium membrane, then the joint tip is mounted, which is cut with an oblique cut that is slightly smaller than the width of the joint. The sealant is applied using 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. 2-3 hours at 23 °C and 50 % RH.  
The joint can be sticky 2 days after application.  
3 – 4 mm/24 hours at 23 °C and 50 % RH.  
The curing time is increased at lower temperatures and lower relative humidity.
- Treatment:** After curing PU Sealant & Adhesive 534 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:** Uncured sealant can be removed with wipes.  
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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