

Disbothan 235 PU-Fugendicht · PU Joint Sealant



Air moisture curing, elastic, one-component joint sealant for expansion joints in building constructions, in accordance with DIN 18 540.

Product Description

Field of Application	Suitable for sealing expansion joints in building constructions and for sealing connection joints at doors and windows.
Material Properties	<ul style="list-style-type: none"> ■ Elastic ■ Compatible with most standard exterior dispersion/emulsion paints according to DIN 52 452 ■ Meets the requirements of DIN 18 540-F (sealing of external wall joints in building constructions using joint sealants)
Material Base / Vehicle	One component polyurethane
Packaging/Package Size	600 ml flexible plastic tubes (12 units/carton)
Colours	White (Weiß), Light Grey (Hellgrau), Concrete Grey (Betongrau)
Storage	Keep in a cool, but frost-free place. The original, tightly closed packaging has a shelf life of 12 months. Maximum storage temperature: 25 °C.
Technical Data	<ul style="list-style-type: none"> ■ Density: Approx. 1.35 g/cm³ ■ Maximum allowable deformation: Max. 25 % depending on the joint width ■ Dry temperature resistance: -30 °C up to 80 °C ■ Shrinking: < 10 % by volume according ISO 10 563 ■ Joint width: 4 - 30 mm

Application

Suitable Substrates	<p>Concrete, stainless steel V2a, fibre cement (FC), tiles, wood (uncoated, glazed, coated), ceramics (glazed, unglazed), brick masonry, renders/plasters.</p> <p>Jointing area must be clean, dry, sound/stable, and free from all separating material that may prevent good adhesion.</p> <p>Remove existing sealant materials completely and bevel or abrade the joint sides to remove penetrated sealant residues.</p>
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Substrate Preparation

Prime joint sides with Disbothan 236 Fugenprimer, where required (see application table below). Joint depth must be limited with a round, non-absorbent, closed-cell foam cord. The ratio of joint width to sealant depth should comply with DIN 18 540.

Table for the application of Disbothan 236 Fugenprimer · Joint Primer	
Substrate	Preparation
Concrete	Disbothan 236 Fugenprimer
Stainless steel V2a	Adhesion without priming
Fibre cement	Disbothan 236 Fugenprimer
Glazed tiles	Adhesion without priming
Uncoated wood	Disbothan 236 Fugenprimer
Glazed wood	Adhesion without priming
Coated wood	Adhesion without priming
Glazed ceramics	Adhesion without priming
Unglazed ceramics	Disbothan 236 Fugenprimer
Renders/plasters	Disbothan 236 Fugenprimer
Bricks	Disbothan 236 Fugenprimer

Preparation of Material

The material is ready for use.

Method of Application

Apply Disbothan 235 PU-Fugendicht evenly into the joint. Smoothen the surface before skin formation (skinning).

Consumption

Joint size 10 x 10 mm, Disbothan 235 PU Joint Sealant approx. 100 ml/m, Disbothan 236 Fugenprimer approx. 20 ml/m.
The exact rate of consumption is best established by a trial application on site.

Application Conditions

Material, Atmospheric, and Substrate Temperature:
Min. 5 °C and max. 35 °C

Drying/Drying Time

At 20 °C and 60 % relative humidity, approx. 1.5 mm/24 hours.
Flash-off time for Disbothan 236 Fugenprimer: min. 30 minutes; max 60 minutes.

Note: Disbothan 235 PU Joint Sealant is compatible with most standard exterior dispersion/emulsion paints.

Tool Cleaning

Immediately after use with Disboxid 419 Verdünner/Thinner.

Advice

German Certificates

■ 6-1009 Testing to DIN 18540-F
SKZ, Würzburg

Special Risks (Hazard Note) / Safety
Advice (Status as at Date of
Publication)

For professional use only.
May cause sensitization by inhalation. Store in a cool area. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water.
Use only in well-ventilated areas. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Contains isocyanates. Follow information supplied by the manufacturer.
The liquid product may be irritating to skin and respiratory tracts and may produce sensitisation and an allergic reaction. Provide permanently for fresh air during and after application. Do not breathe vapours. Allergic persons and people having respiratory ailments should not be assigned job at such places.

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.
In Germany: Only completely emptied packaging should be given for recycling. Dispose of liquid material as sealant waste.

Giscode

PU 20

Further Details

See Safety Data Sheet (MSDS).
Follow the application references while applying our materials for the protection of buildings.

Technical Assistance

As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries.
We will describe appropriate working methods, if a substrate not specified above is to be coated.

Customer Service Centre

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All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No. 235 · Disbothan 235 PU-Fugendicht · PU Joint Sealant · Issued: June 2011

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