



Den Braven

Technical Data Sheet

Zwaluw Silicone-Sanitary

Acetoxy silicone sealant for sanitary joints



Product Description

Zwaluw Silicone-Sanitary is an acetoxy sanitary formulated silicone sealant which cures by reacting to moisture to form a durable elastic rubber. The product is UV and weather resistant.

Benefits

- For use in kitchens, bathrooms and showers
- Perfect adhesion to glass, painted wood, ceramic and enamelled
- Mould resistant
- Colourfast

Applications

Zwaluw Silicone-Sanitary was specifically developed for durable elastic sealing of joints in kitchens, bathrooms and showers. For plastic based sanitary Zwaluw Silicone-NO is recommended.

Directions Of Use

A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm. For more information see the Technical Bulletin Joint Dimensions in the Knowledge Base on our website www.denbraven.com.

Additional information

| | | |
|--|-----------------|----------------------------|
| 100 % modulus | DIN 53504 S2 | 0,30 N/mm ² |
| Application rate | @ Ø3 mm/6,3 bar | 200 g/min |
| Application temperature | | +5°C to +40°C |
| Base | | Acetoxy |
| Curing time | @ +23°C/50% RH | 2 mm/24 hours |
| Density | ISO 1183-1 | 1,00 g/ml |
| Elongation at break | DIN 53504 S2 | 500% |
| Flow | ISO 7390 | < 2 mm |
| Frost resistance during transportation | | Up to -15°C |
| Joint movement | | 12,5% |
| Shorea hardness | DIN 53505 | 20 |
| Skin formation | DBTM 16 | 5-6 minutes @ +23°C/50% RH |
| Temperature resistance | | -40°C to +180°C |
| Tensile strength | DIN 53504 S2 | 1,30 N/mm ² |

These are typical values

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for applications on concrete, marble, lead, copper and galvanized steel

Surface Preparations and Finishing

Application temperature: +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean, dry, and free of grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw Silicone-Sanitary adheres perfectly without the use of a primer to most non porous substrates, like glass, painted wood, ceramic and enamelled. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.



Den Braven

Technical Data Sheet

Zwaluw Silicone-Sanitary

Acetoxy silicone sealant for sanitary joints

Paintability

Zwaluw Silicone-Sanitary is not paintable. We recommend covering the edges of the joint with masking tape to prevent surfaces that need to be painted from being contaminated by silicone.

Cleaning

Uncured material and tools can be cleaned by using Zwaluw Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Zwaluw Wipes.

Colour(s)

- Transparent
- White

Packaging



- Cartridge

For product specifications, please refer to the Product Detail Page

Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life is up to 18 months from production date, stored in a dry place.

Certifications

| | |
|---|---------------------------------------|
|  | EN 15651-1: F-EXT-INT-CC 12.5E |
| | EN 15651-2: G-CC EN 15651-3: S XS1 |
|  | A+ French VOC Regulation |

Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via the Den Braven websites.

Warranty & Guarantee

Den Braven warrants that its product complies, within its shelf life, to its specification.

Disclaimer

All information in this document and in all our other publications (including electronic ones) is based on our current knowledge and experience and is the exclusive (intellectual) property of Den Braven. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Den Braven's written consent. The technical information in this document serves as an indication and is non-exhaustive. Den Braven is not liable for any damage, either direct or indirect, due to (editorial) errors, incompleteness and/or incorrectness of this document. This includes, but is not limited to, incompleteness and/or incorrectness due to technological changes or any research conducted between the date of publication of this document and the date on which the product is acquired. Den Braven reserves the right to amend the wording of this document. Den Braven cannot be held liable for any damage, either direct or indirect, due to the use of the product depicted in this document. The user must read and understand the information in this document and other documents relating to the products prior to the use the product. The user is responsible for performing all the requisite tests to make sure that the product is suitable for its intended use. We have no influence in what way the product is applied and/or any circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.

Better
results
through
knowledge



Den Braven

Den Braven Sealants S.A. (Pty) Ltd.
2 Highview Boulevard, Ferndale Extension 26, Randburg, Gauteng
T +27 117923830 | E sales@denbraven.co.za

02-05-2024
02:19:57
MDT