



Den Braven

Technical Data Sheet

Zwaluw Silicone-NM

Neutral silicone sealant for sealing natural stone and sanitary, glazing and façade joints



Product Description

Zwaluw Silicone-NM is a plasticizer free neutral silicone sealant for sealing connection joints between natural stone and other strong absorbing substrates that reduces the risk of edge soiling and staining on the substrates.

Benefits

- No edge soiling or staining on natural stone
- Neutral curing
- Almost odourless
- Perfect bonding without primer on most substrates
- UV, water, moisture and weather resistant
- Mould resistant

Applications

Zwaluw Silicone-NM was specifically developed for durable elastic sealing of connection and expansion joints in natural stone, concrete, brickwork, curtain wall constructions, glazing systems (1), kitchens, bathrooms, showers and for industrial applications.

Remark (1)

Compatibility of the edge seals of insulation glass with glazing sealants cannot be guaranteed by the supplier of the sealant, as the composition of the edge seals can be changed by the producer without notice. Any advice on the compatibility of glazing sealants to the edge seals of insulation glass is based on experience and therefore not guaranteed.

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	0,35 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	130 g/min
Application temperature		+5°C to +40°C
Base		Neutral oxime
Curing time	@ +23°C/50% RH	2mm/24 hours
Density	ISO 1183-1	1,01 g/ml
Elongation at break	DIN 53504 S2	530%
Flow	ISO 7390	< 2mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505	25
Skin formation	@ +23°C/50% RH	7-8 minutes (DBTM 16)
Temperature resistance		-40°C to +90°C
Tensile strength	DIN 53504 S2	0,95 N/mm ²

These are typical values

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Discoloration can occur in dark places and by contact with chemicals



Den Braven

Arkema Middle East DMCC
Unit 1108 JBC 3 Tower, Cluster Y, Jumeirah Lakes Towers, P.O. Box 336393 Dubai
T +971 48751704 | E bostik.mena-info@bostik.com

19-05-2024
21:48:04
CEST



Den Braven

Technical Data Sheet

Zwaluw Silicone-NM

Neutral silicone sealant for sealing natural stone and sanitary, glazing and façade joints

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 from grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw Silicone-NM adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Zwaluw Primer Universal. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

Paintability

Zwaluw Silicone-NM 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)

- Anthracite
- Transparent
- Silver-Grey
- White

Packaging


- Cartridge


For product specifications, please refer to the Product Detail Page

Shelf Life

If kept stored in a cool, dry place, in unopened original packaging, between +5°C and +25°C, shelf life is up to 12 months from production date.

Certifications

	EN 15651-1: F-EXT-INT-CC 25LM EN 15651-2: G-CC 25LM EN 15651-3: S XS2
---	---

	ISEGA
---	-------

Health & Safety

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

Warranty & Guarantee

Bostik 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 Bostik. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Bostik written consent. The technical information in this document serves as an indication and is non-exhaustive. Bostik is not liable for any damage, either directly or indirectly, 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. Bostik reserves the right to amend the wording of this document. Bostik cannot be held liable for any damage, either directly or indirectly, due to the use of the product(s) 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 of 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 whatsoever. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.