



Den Braven

Technical Data Sheet

Zwaluw Silicone-NAF

Neutral silicone sealant for sanitary, glazing and façade joints



Product Description

Zwaluw Silicone-NAF is a versatile neutral silicone sealant for sanitary, building, glazing and façade joints which cures by reacting to moisture to form a durable elastic rubber seal

Benefits

- Neutral curing
- Almost odourless
- Perfect bonding without primer to most substrates
- ISEGA certified
- Non corrosive towards metals

Applications

Zwaluw Silicone-NAF has been specially developed for durable elastic sealing of connection and expansion joints in concrete, brickwork, curtain wall constructions, glazing systems (1), kitchens, bathrooms and showers, for industrial applications and in areas where food is being processed and/or stored, such as cold rooms, food containers etc.

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		0,35 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	140 g/min
Application temperature		+5°C to +40°C
Base		Neutral silicone
Curing time	@ 23°C/50% RH	2mm/24 hours
Density		1,02 g/ml
Elongation at break		450%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505	18
Skin formation	@ +23°C/50% RH	7-8 minutes
Temperature resistance		-40°C to +120°C
Tensile strength		1,10 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

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-NAF 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.



Den Braven

Technical Data Sheet

Zwaluw Silicone-NAF

Neutral silicone sealant for sanitary, glazing and façade joints

Paintability

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

Cleaning

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

Colour(s)

- RAL 9010 (Pure white)
- RAL 9002 (Grey White)
- Transparent
- Jasmine

Packaging



- Sausage

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
	A+ French VOC Regulation

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.

Better
results
through
knowledge