Den Braven

Silicone-COLOURS + NS

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

PRODUCT DESCRIPTION

Zwaluw Silicone-COLOURS + NS 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.

KEY BENEFITS

UV, water and weather resistant
Perfect bonding without primer to most substrates
Permanently elastic

APPLICATIONS

Zwaluw Silicone-COLOURS + NS 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.
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- 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.

DIRECTION FOR 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.

TECHNICAL SPECIFICATIONS

100% Modulus	DIN 53504 S2	0,35 N/mm²
Application Temperature		+5°C to +40°C
Base		Neutral oxime
Application Rate	@ Ø3 mm/6,3 bar	130 g/min
Curing Time	@ +23°C/50% RH	2 mm/24 hours
Density	ISO 1183-1	1,01 g/ml
Elongation At Break	DIN 53504 S2	530%
Flow	ISO 7390	< 2mm
Frost Resistance		Up to -15°C
Joint Movement		25%
Shore A Hardness	DIN 53505	25
Skin Formation	@ +23°C/50% RH - DBTM 16	7-8 minutes
Temperature Resistance		-40°C to +90°C
Tensile Strength	DIN 53504 S2	0.95 N/mm²

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 from grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw Silicone-COLOURS + NS 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

Silicone-COLOURS + NS 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.

PACKAGING DESCRIPTION

- Cartridge

For product specifications, please refer to the Product Detail Page

COLOR

Transparent, Anthracite, Silver-Grey, White

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 XS1
- 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

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ZWALUW®
HOTLINE
Smart help +31 162 491 000

Bostik S.A.
51, ESPLANADE DU GÉNÉRAL DE GAULLE
92800 PUTEAUX - LA DÉFENSE
TÉL. : +33 (1) 49 00 90 00