Den Braven

Silicone-BB

Acetoxy silicone sealant for glazing and façade joints

PRODUCT DESCRIPTION

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

KEY BENEFITS

Excellent resistance to UV, water and weather
Perfect adhesion to glass, painted wood, ceramic and enamelled
Permanently elastic

APPLICATIONS

Zwaluw Silicone-BB was specifically developed for top sealing in glazing systems (1) and for connection joints in buildings. For use in kitchens and bathrooms Den Braven recommends Zwaluw Silicone-NO.

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. Advice concerning 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	0,41 N/mm²
Application Temperature		+5°C to +40°C
Base		Silicone
Application Rate	@ Ø3 mm/6,3 bar	125 g/min
Curing Time	@ +23°C/50% RH	2 mm/24 hour
Density	ISO 1183-1	1.03 g/ml
Elongation At Break	DIN 53504 S2	565%
Flow	ISO 7390	< 2 mm
Frost Resistance		Up to -15°C
Joint Movement		20%
Shore A Hardness	DIN 53505	20
Skin Formation	+23°C/50% RH (DBTM 16)	5-6 minutes
Temperature Resistance		-40°C to +180°C
Tensile Strength	DIN 53504 S2	1.70 N/mm²
Viscosity		85

These are typical values

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrate.
- 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 from grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw Silicone-BB 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.

PAINTABILITY

Zwaluw Silicone-BB 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

- Sausage
- Cartridge

For product specifications, please refer to the Product Detail Page

COLOR

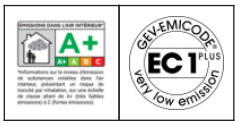
Silver-Grey, White, Brown, Transparent, Grey, Transparent Grey, Black

SHELF LIFE

In unopened original packaging between +5°C and +25°C, shelf life up to 24 months from production date, stored in a dry place.

CERTIFICATIONS

- A+ French VOC Regulation
- EN 15651-1: F-EXT-INT-CC 20LM
- EN 15651-2: G-CC 20LM
- EN 15651-3: S XS1
- Emicode EC1 Plus – very low emission



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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