



Den Braven

Silicone 1001U Universal

Acetoxy silicone for building and glazing joints



PRODUCT DESCRIPTION

Zwaluw Silicone 1001 Universal is a versatile acetoxy silicone sealant, which cures under influence of humidity to form a durable elastic rubber. The product is excellent UV and weather resistant.

KEY BENEFITS

- Versatile sealant
- High elasticity
- Good resistance to UV, water and weather

APPLICATIONS

Zwaluw Silicone 1001 Universal is specially developed for top sealing in glazing systems(1), perimeter joints around window and doorframes and joints in kitchens and bathrooms.

Remark (1)

Compatibility with edge seals of insulation glass cannot be guaranteed, as the compositions of sealant for the edges of insulation glass can be different or changed by the producer of insulation glass. Advices concerning the compatibility of glazing sealants to the edge seals of insulation glass are 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 till 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 6mm. 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	0,25 N/mm ²
Application Temperature		+5°C to +40°C
Base		Silicone
Application Rate	@ Ø3 mm/6,3 bar	620 g/min
Density		0.96 g/ml
Elongation At Break		520%
Flow	ISO 7390	< 2 mm
Frost Resistance		Up to -15°C
Shore A Hardness	DIN 53505	12
Skin Formation	+23°C/50% RH (DBTM 16)	6 minutes
Temperature Resistance		-40°C to +120°C
Tensile Strength		1.00 N/mm ²

LIMITATIONS

Do not apply in thick layers, 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 (environment and substrates). All substrates must be solid, clean, dry, and free from grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw Silicone 1001 Universal adheres perfectly without the use of a primer to most non porous substrates. Porous substrates to be pretreated with Zwaluw Primer B1. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

PAINTABILITY

Zwaluw Silicone 1001 Universal is not paintable. It is recommended to cover the edges of the joint with masking tape in order to prevent that surfaces which remain to be painted will be contaminated with silicone.

CLEANING

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

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 18 months from production date.

CERTIFICATIONS

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



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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