Den Braven

Silicone-1001U

Acetoxy silicone sealant for sanitary, glazing and façade joints

PRODUCT DESCRIPTION

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

KEY BENEFITS

Versatile sealant
Permanently elastic
UV, water, moisture and weather resistant
Mould resistant

APPLICATIONS

Zwaluw Silicone-1001U was specifically developed for topsealing in glazing systems (1) and for connection joints in buildings, kitchens and bathrooms.

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	0,30 N/mm²
Application Temperature		+5°C to +40°C
Base		Silicone
Application Rate	@ Ø3 mm/6,3 bar	700 g/min
Curing Time	@ +23°C/50% RH	2mm/24 hours
Density	ISO 1183-1	0.96 g/ml
Elongation At Break	DIN 53504 S2	440%
Flow	ISO 7390	< 2 mm
Frost Resistance		Up to -15°C
Shore A Hardness	DIN 53505	17
Skin Formation	+23°C/50% RH (DBTM 16)	10-12 minutes
Temperature Resistance		-40°C to +180°C
Tensile Strength	DIN 53504 S2	1.30 N/mm²
Viscosity		40

These are typical values

LIMITATIONS

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 (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-1001U 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-1001U 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.

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.

BOSTIK CERTIFICATIONS

- A+ French VOC Regulation
- EN 15651-2: G-CC
- EN 15651-3: S S1
- EN 15651-1: F-EXT-INT-CC

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.

"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"