



Den Braven

# Silicone-COLOURS

Neutral silicone sealant available in a wide range of colours



## PRODUCT DESCRIPTION

Zwaluw Silicone-COLOURS is a versatile neutral silicone sealant for sanitary, glazing, building and façade joints which cures under influence of humidity to form a durable elastic rubber.

## KEY BENEFITS

- Wide range of standard colours
- Other colours available on order
- Neutral curing
- Almost odourless
- Perfect bonding without primer on most substrates
- UV, water and weather resistant

## APPLICATIONS

Zwaluw Silicone-COLOURS has been specially developed for durable elastic sealing of connection and expansion joints in concrete, brickwork, curtain wall constructions, glazing systems (1), construction, kitchens, bathrooms and showers and for industrial applications.

### 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 on the compatibility of glazing sealants to the edge seals of insulation glass is based on experience and therefore not guaranteed.

### Remark (2)

For natural stone Den Braven recommends the Zwaluw Silicone-NM.

## 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 10mm is 1:1, with a minimum of 5mm in width and depth. For joints wider than 10mm, 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](http://www.denbraven.com).

## TECHNICAL SPECIFICATIONS

100% Modulus	DIN 53504 S2	0,25 N/mm <sup>2</sup>
Application Temperature		+5°C to +40°C
Base		Neutral alcoxy
Application Rate	@ Ø3 mm/6,3 bar	250 g/min
Curing Time	@ +23°C/50% RH	
Density		1.02 g/ml
Elongation At Break		5
Flow	ISO 7390	< 2 mm
Frost Resistance		Up to -15°C
Joint Movement		25%
Shore A Hardness	DIN 53505	15
Skin Formation	+23°C/50% RH (DBTM 16)	8-9 minutes
Temperature Resistance		-40°C to +120°C
Tensile Strength		1.00 N/mm <sup>2</sup>

## 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-COLOURS adheres perfectly without the use of a primer to most non porous substrates. Porous substrates to be pre-treated with Zwaluw Primer B1. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

## PAINTABILITY

Zwaluw Silicone-COLOURS 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.

## CERTIFICATIONS

- EN 15651-1: F-EXT-INT-CC 25LM
- EN 15651-2: G-CC 25LM
- A+ French VOC Regulation
- EN 15651-3: S XS1
- Emission EC1 Plus – very low emission
- 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.

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