



Den Braven

# Neutrasil-1001U

Neutral silicone sealant for sanitary, glazing and façade joints



## PRODUCT DESCRIPTION

Zwaluw Neutrasil-1001U is a versatile sanitary formulated neutral silicone sealant which cures under influence of humidity to form a durable elastic rubber.

## KEY BENEFITS

- Versatile sealant
- Mould resistant
- UV, water and weather resistant

## APPLICATIONS

Zwaluw Neutrasil-1001U was specifically developed for durable elastic sealing of expansion joints in concrete, brickwork, curtain wall constructions, glazing systems (1), kitchens, bathrooms, 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. 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](http://www.denbraven.com).

## TECHNICAL SPECIFICATIONS

|                                |                        |                        |
|--------------------------------|------------------------|------------------------|
| <b>100% Modulus</b>            | DIN 53504 S2           | 0,25 N/mm <sup>2</sup> |
| <b>Application Temperature</b> |                        | +5°C to +40°C          |
| <b>Base</b>                    |                        | Neutrale oxime         |
| <b>Application Rate</b>        | @ Ø3 mm/6,3 bar        | 550 g/min              |
| <b>Curing Time</b>             | @ +23°C/50% RH         | 2 mm/24 hours          |
| <b>Density</b>                 | ISO 1183-1             | 0.96 g/ml              |
| <b>Elongation At Break</b>     | DIN 53504 S2           | 450%                   |
| <b>Flow</b>                    | ISO 7390               | < 2 mm                 |
| <b>Frost Resistance</b>        |                        | Up to -15°C            |
| <b>Joint Movement</b>          |                        | 12,5%                  |
| <b>Shore A Hardness</b>        | DIN 53505              | 17                     |
| <b>Skin Formation</b>          | +23°C/50% RH (DBTM 16) | 7-8 min                |
| <b>Temperature Resistance</b>  |                        | -40°C to +120°C        |
| <b>Tensile Strength</b>        | DIN 53504 S2           | 0.80 N/mm <sup>2</sup> |

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 of grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw Neutrasil-1001U 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

Zwaluw Neutrasil-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.

## PACKAGING DESCRIPTION

- Cartridge

## COLOUR

Transparent

## SHELF LIFE

In unopened original packaging between +5°C and +25°C, shelf life up to 12 months from production date, stored in a dry place.

## CERTIFICATIONS

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

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