



# Den Braven

## Technical Data Sheet

### Zwaluw Acryl-1001U

High quality water based acrylic sealant



#### Product Description

Zwaluw Acryl-1001U is a high quality sealant based on acrylic dispersion. After application the product forms a soft plasto elastic rubber by evaporation of water from the sealant.

#### Benefits

- Paintable with water based and synthetic paints
- Perfect adhesion without use of a primer on most, even slightly damp substrates
- Versatile economic acrylic sealant
- Almost odourless
- Easy to apply and clean
- Non corrosive towards metals

#### Applications

Zwaluw Acryl-1001U was specifically developed to seal connection joints between stairs, walls, ceilings, skirtings, windowsills, wooden and metal window frames, concrete and brickwork. For interior use.

#### Directions Of 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).

#### Additional information

|  |                       |                             |
|--|-----------------------|-----------------------------|
| 100 % modulus                          | DIN 53504 S2          | 0,3 N/mm <sup>2</sup>       |
| Application rate                       | @ Ø3 mm/4 bar         | 450 g/min                   |
| Application temperature                |                       | +5°C to +40°C               |
| Base                                   |                       | Acrylic dispersion          |
| Density                                | ISO 1183-1            | 1,71 g/ml                   |
| Elongation at break                    | DIN 53505/<br>ISO 868 | 200%                        |
| Flow                                   | ISO 7390              | < 2mm                       |
| Frost resistance during transportation |                       | Up to -15°C                 |
| Joint movement                         |                       | 7,5%                        |
| Shorea hardness                        | DIN 53505/<br>ISO 868 | 30                          |
| Skin formation                         | DBTM 16               | 5 minutes @<br>+23°C/50% RH |
| Temperature resistance                 |                       | -20°C to +75°C              |
| Tensile strength                       | DIN 53504 S2          | 0,3 N/mm <sup>2</sup>       |

*These are typical values*

#### Limitations

- Not suitable for continuous exposure to water
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates

#### 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. Substrates to be cleared of all loose particles, absorbent substrates are not required to be absolutely dry. Very porous substrates like: gypsum, airated concrete, limestone, etc, need to be primed with a mixture of 1 part Acryl-1001U and 2 parts water. Always test adhesion prior to application. Finish and smooth with water.



Den Braven

Bostik Singapore  
1 Science Park Road, #04-01/5 The Capricorn, 117528 Singapore  
T +65 6419 9161 | E

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Paintability

Zwaluw Acryl 1001U is paintable when fully dry. During curing product will show shrinkage, which can cause cracking of the paint. Paintable with water based and synthetic paints. Painting with highly water based paints can create cracking. We recommend testing compatability with paint prior to application

Cleaning

Tools should be cleaned after use with water. Hands can be cleaned with Zwaluw Wipes and/or water and soap.

Colour(s)

- Brown
- Grey
- Black
- White

Packaging



- Cartridge
- Sausage

For product specifications, please refer to the Product Detail Page

Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life till 18 months after production date, stored in a dry place.

Certifications

|   |                            |
|---|----------------------------|
|  | EN 15651-1: F-EXT-INT 7.5P |
|  | A+ French VOC Regulation   |

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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