



# Technical Data Sheet

# Zwaluw Acryl-W

High quality water based acrylic sealant



# **Product Description**

Zwaluw Acryl-W is a high quality sealant based on acrylic dispersion. After application the product cures to a soft plasto-elastic rubber due to the evaporation of the water from the sealant.

#### **Benefits**

- · Excellent price/quality ratio
- Paintable with water based and synthetic paints
- Perfect adhesion without use of a primer on most, even slightly damp substrates
- Interior and exterior (\*) uses
- Almost odourless
- · Easy to apply and clean
- · Non corrosive towards metals

#### **Applications**

Zwaluw Acryl-W was specifically developed for sealing connection joints between stairs, walls, ceilings, skirtings, windowsills, wooden and metal window frames, concrete and brickwork.

### **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.

#### Additional information

| 100 % modulus                          | DIN 53504 S2          | 0,40 N/mm²                  |
|----------------------------------------|-----------------------|-----------------------------|
| Application rate                       | @ Ø3 mm/4 bar         | 800 g/min                   |
| Application temperature                |                       | +5°C to +40°C               |
| Base                                   |                       | Acrylic<br>dispersion       |
| Density                                | ISO 1183-1            | 1,71 g/ml                   |
| Elongation at break                    |                       | 240%                        |
| Flow                                   | ISO 7390              | < 2mm                       |
| Frost resistance during transportation |                       | Up to -15°C                 |
| Joint movement                         |                       | 12,5%                       |
| Shorea hardness                        | DIN 53505/<br>ISO 868 | 30                          |
| Skin formation                         | DBTM 16               | 7 minutes @<br>+23°C/50% RH |
| Temperature resistance                 |                       | -20°C to +75°C              |
| Tensile strength                       | DIN 53504             | 0,40 N/mm²                  |

These are typical values

# Limitations

- \*Exterior applications only in good, dry weather, and it must stay dry for at least 5 hours after application
- 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 do not need to be absolutely dry. Very porous substrates like: gypsum, airated concrete, limestone, etc, need to be







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primed with a mixture of 1 part Acryl-W and 2 parts water. Always test adhesion prior to application. Finish and smooth with water.

#### Paintability

Zwaluw Acryl-W 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 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)

- Grey
- Black
- White
- Brown

#### Packaging

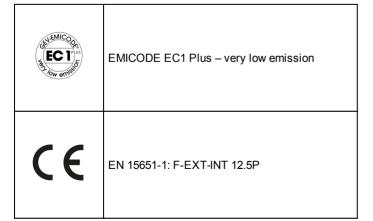
- Cartridge
- Sausage

For product specifications, please refer to the Product Detail Page

#### Shelf Life

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

#### Certifications





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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