

# **Technical Data Sheet**

### Zwaluw Acryl Exterior+

High quality quickly rain resistant acrylic sealant for interior and exterior use



### **Product Description**

Zwaluw Acryl Exterior+ is a high quality acrylic sealant which is rain resistant soon after application. After application the product cures to a plasto-elastic rubber due to the evaporation of the water from the sealant.

#### Benefits

- · Rain resistant soon after application
- Interior and exterior uses
- · High elongation at break and high movement accomodation
- · Paintable with water based and synthetic paints
- Perfect adhesion without use of a primer on most, even slightly damp substrates
- Almost odourless
- · Easy to apply and clean
- Non corrosive towards metals
- · Excellent tooling properties

#### Applications

Zwaluw Acryl Exterior+ was specifically developed for connection joints between windowsills, stairs, ceilings, walls, skirtings, aerated concrete, plasterboard, limestone, wooden and metal window frames, concrete and brickwork. For interior and exterior use. As the sealant is rain resistant soon after application, there are more possible applications.

## **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          | 0,10 N/mm²                   |
|--|-----------------------|------------------------------|
| Application rate                       | @ Ø3 mm/4 bar         | 500 g/min                    |
| Application temperature                |                       | +5°C to +40°C                |
| Base                                   |                       | Acrylic<br>dispersion        |
| Curing time                            | @ +23°C/50%<br>RH     | 2 mm/24 hours                |
| Density                                |                       | 1,57 g/ml                    |
| Elongation at break                    | DIN 53505/<br>ISO 868 | 500%                         |
| Flow                                   | ISO 7390              | < 2 mm                       |
| Frost resistance during transportation |                       | Up to -15°C                  |
| Joint movement                         |                       | 12,5%                        |
| Shorea hardness                        | DIN 53505             | 10                           |
| Skin formation                         | DBTM 16               | 10 minutes @<br>+23°C/50% RH |
| Temperature resistance                 |                       | -20°C to +75°C               |
| Tensile strength                       | DIN 53504             | 0,10 N/mm²                   |

These are typical values

#### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Although the product is rain resistant, it will not withstand heavy driving rain and hail during curing





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## 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 primed with a mixture of 1 part Zwaluw Acryl Exterior+ and 2 parts water. Always test adhesion prior to application. Finish and smooth with water.

### Paintability

Zwaluw Acryl Exterior+ is paintable after full drying of sealant. During curing product will show shrinkage, which can cause cracking of the paint. Paintable with water based and synthetic paints. Painting with high 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
- White

## Packaging

Cartridge

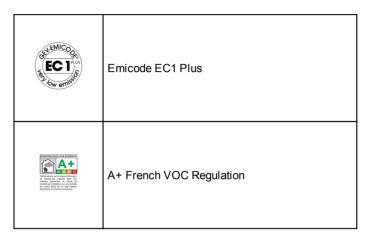
For product specifications, please refer to the Product Detail Page

#### 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





## 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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