



# Den Braven

## Technical Data Sheet

### Zwaluw Acryl Anti-Crack

Unique acrylic sealant which prevents paint problems



#### Product Description

Zwaluw Acryl Anti-Crack is a high quality acrylic sealant which is paintable with most water based and synthetic paints, and prevents craze cracking and discoloration of paint.

#### Benefits

- Paintable with water based and synthetic paints
- Reduces craze cracking and discoloration of the paint
- Perfect adhesion without use of 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 Anti-Crack was specifically developed for sealing connection joints between stairs, walls, ceilings, skirtings, windowsills, wooden and metal window frames, concrete and brick work and or filling cracks, screw- and nail holes in walls and ceilings of wood, plaster, gypsum, brickwork, concrete etc.

#### 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           | 0,70 N/mm <sup>2</sup>       |
| Application rate                       | @ Ø3 mm/4 bar          | 260 g/min                    |
| Application temperature                |                        | +5°C to +40°C                |
| Base                                   |                        | Acrylic dispersion           |
| Curing time                            | @ +23°C/50% RH         | 2 mm/24 hrs                  |
| Density                                | ISO 1183-1             | 1,66 g/ml                    |
| Elongation at break                    | DIN 53505/<br>ISO 868  | 200%                         |
| Flow                                   | ISO 7390               | < 2 mm                       |
| Frost resistance during transportation |                        | Up to -15°C                  |
| Joint movement                         |                        | 7,5%                         |
| Shorea hardness                        | DIN 53505 /<br>ISO 868 | 40                           |
| Skin formation                         | DBTM 16                | 10 minutes @<br>+23°C/50% RH |
| Temperature resistance                 |                        | -20°C to +75°C               |
| Tensile strength                       | DIN 53504              | 0,70 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
- \*Exterior applications only in good, dry weather, and it must stay dry for at least 5 hours after application



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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 Anti-Crack and 2 parts water. Always test adhesion prior to application. Finish and smooth with water.

#### Paintability

Zwaluw Acryl Anti-Crack is paintable when fully dry. Fully paintable with water based and synthetic paints. 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)

- 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

|   |                            |
|---|----------------------------|
|  | Emicode EC1 Plus           |
|  | 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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