Den Braven

# Acryl Clear WT

Crystal clear paintable water based acrylic sealant

## PRODUCT DESCRIPTION

Zwaluw Acryl Clear WT is a high quality sealant based on acrylic dispersion. After application the product cures to a crystal clear and solid plasto-elastic rubber, due to the evaporation of water from the sealant. White during application, transparent after curing.

## KEY BENEFITS

Crystal clear (white during application)
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

## APPLICATIONS

Zwaluw Acryl Clear WT was specifically developed for sealing connection joints between stairs, walls, ceilings, skirtings and windowsills. For interior use.

## 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.

## TECHNICAL SPECIFICATIONS

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|---|---|---|
| **100% Modulus** | DIN 53504 S2 | 0,50 N/mm² |
| **Application Temperature** | | +5°C to +40°C |
| **Base** | | Acrylic dispersion |
| **Application Rate** | @ Ø3 mm/4 bar | 1200 g/min |
| **Curing Time** | @ +23°C/50% RH | 2 mm/24 hours |
| **Density** | ISO 1183-1 | 1,06 g/ml |
| **Elongation At Break** | DIN 53505/ ISO 868 | 600% |
| **Flow** | ISO 7390 | < 2 mm |
| **Frost Resistance** | | Up to -15°C |
| **Shore A Hardness** | DIN 53505 / ISO 868 | 30 |
| **Skin Formation** | DBTM 16 (internal test method) | 10 minutes @ +23°C/50% RH |
| **Temperature Resistance** | | -20°C to +75°C |
| **Tensile Strength** | DIN 53504 | 1,50 N/mm² |

These are typical values

## LIMITATIONS

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

## PAINTABILITY

Zwaluw Acryl Clear WT 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.

## 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.

## BOSTIK CERTIFICATIONS

- A+ French VOC Regulation
- EN 15651-1: F-INT

## 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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