

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.

Additional information

100 % modulus	DIN 53504 S2	0,3 N/mm²
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/ ISO 868	200%
Flow	ISO 7390	< 2mm
Frost resistance during transportation		Up to -15°C
Joint movement		7,5%
Shorea hardness	DIN 53505/ ISO 868	30
Skin formation	DBTM 16	5 minutes @ +23°C/50% RH
Temperature resistance		-20°C to +75°C
Tensile strength	DIN 53504 S2	0,3 N/mm²

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.



Arkema Middle East DMCC Unit 1108 JBC 3 Tower, Cluster Y, Jumeirah Lakes Towers, P.O. Box 336393 Dubai T +971 48751704 | E bostik.mena-info@bostik.com



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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)

- RAL 8004 (Copper Brown)
- RAL 1015 (Light Ivory)
- White
- RAL 8016 (Mahogany Brown)
- Brown
- RAL 9016 (Traffic White)
- Black
- RAL 8014 (Sepia Brown)
- RAL 1019 (Grey Beige)

Packaging

- Sausage
- Cartridge

For product specifications, please refer to the Product Detail Page

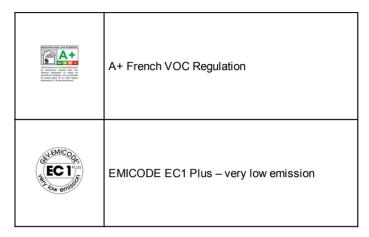
Shelf Life

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

Certifications



EN 15651-1: F-EXT-INT 7.5P



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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