



Den Braven

Technical Data Sheet

Zwaluw® Acryl Exterior+

High quality acrylic dispersion sealant for interior and exterior use.



Product Description

Zwaluw Acryl Exterior+ is a high quality acrylic sealant, early rain resistant after application. After application the product forms a soft plasto elastic rubber by evaporation of water from the sealant.

Benefits

- Early rain resistant after application.
- Suitable for use outside.
- High elongation at break and high movement accommodation.
- Paintable with waterbased- and synthetic paints.
- Perfect adhesion with the use of a primer, even on damp substrates.
- Nearly non smelling.
- Easy to apply.
- Easy to clean.
- Non corrosive towards metals.
- Excellent tooling properties.

Applications

Zwaluw Acryl Exterior+ has been developed especially for connection joints between wooden and metal window frames and concrete and brickwork for inside and outside applications. connection joints between windowsills, stairs, walls, metal sheets, thresholds, panels, airated concrete, gypsumboard and brickwork. As the sealant is early rain resistant after application there are less application limitations because

of weather conditions.

Directions of Use

A well-designed joint is a joint with a sufficient width so it would be able to take and process the movement of the adjacent building elements. 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 till 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 6mm. for a complete overview, see our technical bulletin TB 122013.

Additional information

100% Modulus	N/mm2	0,10 MPa
Application Rate		460 g/min @3mm/4 bar
Application Temperature		+5°C till +40°C
Base		Acrylic dispersion
Density		1,57 g/ml
Elongation at Break		600%
Flow	ISO 7390	< 2 mm
Frost Resistance during transportation		till -15°C
Joint Movement		12,5%
Shore-A hardness	DIN 53505	10 Shore A
Shrinkage		-
Skin Formation	@ 23°C/ 55% RH	10 minutes
Temperature Resistance		-20°C till +75°C
Tensile Strength (DIN 53504)	N/mm2	0,20 MPa
Thickness		-0

Limitations

- Not suitable for continuous water load.
- Not suitable for PE, PP, PC, PMMA, PTFE, neoprene and bituminous substrates.



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Surface Preparations and Finishing

Application temperature +5°C till +40°C (applies to environment and substrate). All surfaces must be clean, free from dust, grease and solid substrate. Substrate to be cleaned from all loose particles, porous substrate do not require 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. Adhesion tests prior to application are recommended. Finish and smoothen 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. Excellent paintable with water based and synthetic Paints. Painting with high filled water based paints can create cracking. Recommend to test compatability with paint prior to application.

Cleaning

Tools to be cleaned after use with water. Hands can be cleaned with Zwaluw Wipes and/or water and soap.

Colour(s)

- White
- Brown
- Grey

Packaging

- Cartridge 310 ml
- Sausage 600 ml

Shelf Life

In unopened original packaging between +5°C and +25°C, shelflife till 18 months after productiondate, stored in a dry place.

Certifications

EN 15651-1: F-EXT-INT 12,5P

Health & Safety

Product Health and Safety Data Sheet must be read and understood before use. These are available on request and via the Den Braven websites.

Warranty & Guarantee

Den Braven warrants that its product complies, within its shelf life, to its specification.

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