Den Braven

Acryl-LM

High quality dispersion based acrylic sealant



PRODUCT DESCRIPTION

Zwaluw Acryl-LM is a high quality sealant based on acrylic dispersion. After application the product cures to a soft plasto-elastic rubber due to the evaporation of the water from the sealant.

KEY BENEFITS

- Low modulus
- High movement capability
- Paintable with water based and synthetic paints
- Perfect adhesion without use of primer on most, even slightly damp substrates
- Interior and exterior (*) uses
- Almost odourless
- Easy to apply and to clean
- Non corrosive towards metals

APPLICATIONS

Zwaluw Acryl-LM was developed to seal connection joints between stairs, walls, ceilings, skirtings, windowsills, wooden and metal window frames, concrete and brickwork.

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

100% Modulus	DIN 53504 S2	0,32 N/mm²
Application Temperature		+5°C to +40°C
Base		Acrylic dispersion
Application Rate	@ Ø3 mm/4 bar	600 g/min
Density	ISO 1183-1	1,67 g/ml
Elongation At Break	DIN 53504, dumbbell S2	400%
Flow	ISO 7390	< 2mm
Frost Resistance		Up to -15°C
Joint Movement		12,5%
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	0,35 N/mm²
Movement Capability (%)		12,5%
Extrusion rate [g/s]		600 g/min

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.

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 Zwaluw Acryl-LM and 2 parts water. Always test adhesion prior to application. Finish and smoothen with water.

PAINTABILITY

Zwaluw Acryl-LM 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 up to 18 months from production date, stored in a dry place.

CERTIFICATIONS

- Indoor Air Comfort Gold®
- A+ (Eurofins ISO 16000)
- EN 15651-1: F-EXT-INT 12.5P
- Emicode EC1 Plus – very low emission

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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