

Den Braven

Technical Data Sheet

Zwaluw All-In-One Seal

High quality professional and universally paintable hybrid, elastic sealant for joints



Product Description

All-In-One Seal is the perfect paintable solution for interior and exterior. This product has many uses, as its a high quality hybrid sealant. Ideal for use in on almost all surfaces, in connection joints as well as dilatation joints and as top seal in glazing joints.

Benefits

- For universal use, interior and exterior
- Fully paintable with synthetic and water based paints
- Ideal sealant for construction, sanitary areas, and glazing
- Non corrosive to metals
- Isocyanate, solvent and silicone free
- Bubble and shrinkage free
- High weather, water and UV resistance
- Excellent processing properties, quickly cures
- Bonds well even without primer to most substrates
- Long lasting elastic effect

Applications

All-In-One Seal is highly compatible with most commercial paints, synthetic and water based. It has high resistance to movement and adheres well to primer on most, even moist substrates. Very high resistance to UV, weather and water resistant. Neutrally curing, and therefore odourless.

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 devided 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	0,55 N/mm²
Application rate	Ø2,5 mm/ 6,3 bar	100-200 g/min.
Application temperature		+5°C to +40°C
Base		Hybrid
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,49 g/ml
Elongation at break	DIN 53504 S2	400%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505 3 sec.	30
Skin formation	DBTM 16	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +90°C
Tensile strength	DIN 53504 S2	1,00 N/mm²

These are typical values



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Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for natural stone and mirrors
- Not suitable in combination with chlorides (pools)

Surface Preparations and Finishing

Application temperature +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean and free of grease and dust. Clean substrates with Cleaner. All-In-One Seal adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Primer Universal. Always test adhesion prior to application. Use Finisher to smooth the joint.

Paintability

All-In-One Seal is paintable with most water based and synthetic paints. We recommend testing compatibility with paint prior to application. If All-In-One Seal is being painted over (not necessary), we recommend slightly sanding the sealant and the junction surfaces prior to use with Scotch-Brite. For the best results, we recommend painting a few days after application.

Cleaning

Uncured material and tools can be cleaned by using Zwaluw Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Zwaluw Wipes.

Colour(s)

- Black
- Grey
- White

Packaging

- Cartridge

For product specifications, please refer to the Product Detail Page

Shelf Life

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months when stored as recommended in original unopened packaging.

Certifications

CE	EN 15651-1: F-EXT-INT-CC 25HM EN 15651-2: G-CC 25HM EN 15651-3: S XS2 EN 15651-4: PW-EXT-INT-CC 25HM
GEV-EMICODE EC 1 PLUS very low emission	Emicode EC1-R Plus
	KOMO

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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