

# Technical Data Sheet

Zwaluw Hybriseal® Façade Low modulus hybrid sealant



#### **Product Description**

Zwaluw Hybriseal® Façade is a high quality professional universal low modulus sealant based on hybrid technology, which cures under influence of humidity to form a durable elastic rubber.

#### Benefits

- · Perfect adhesion without primer to most, even damp, surfaces
- Low modulus
- Neutral curing, almost odourless
- Free of isocyanates, solvents and silicones
- No shrinkage and bubble free
- · Good resistance to UV, water and weather
- · Permanently elastic
- High mechanical resistance

#### Applications

Zwaluw Hybriseal® Façade was specifically developed as a universal sealant for sealing construction and dilatation joints and joints in pedestrian walkways on most common building materials such as concrete, brickwork, painted wood, enamel, aluminium, stainless steel and a variety of plastics.

## **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	0,45 N/mm²
	DIN 55504 32	0,45 10/1111
Application rate	Ø4 mm/3 bar	120 g/min
Application temperature		+5°C to +40°C
Base		SPUR
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,34 g/ml
Elongation at break	ISO 8339	600%
Flow	ISO 7390	< 3 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505	25
Skin formation	@ +23°C/50% RH	90 minutes
Temperature resistance		-30°C to +70°C
Tensile strength	DIN 53504	1,3 N/mm²

These are typical values

#### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for glazing joints, 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, dry, and free of grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw





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Hybriseal® Façade adheres perfectly without the use of a primer to most non porous substrates. Porous substrates to be pre-treated with Zwaluw Primer Universal. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

## Paintability

Zwaluw Hybriseal® Façade is paintable with water based and most 2 component paints. Synthetic paints can dry slower. We recommend testing compatibility with paint prior to application. If Zwaluw Hybriseal® Façade 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 within a few days of 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)

- Light Beige
- RAL 1015 (Light Ivory)
- White
- Concrete Grey
- Black

## Packaging

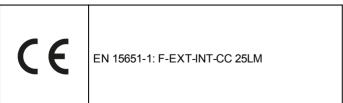
- Sausage
- Cartridge

For product specifications, please refer to the Product Detail Page

# Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life up to 15 months after production date, stored in a dry place.

# Certifications



	EN 15651-4: PW-EXT-INT-CC 25LM ASTM C1248 non-staining ASTM C920 S-NS-C50-Nt-T1-M-A-G
EC 1 THE	Emicode EC1 Plus
Remain the two sectors in the sector is the	A+ French VOC Regulation
<u>[Snjf]</u>	SNJF Façade 25E

# 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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