



Den Braven

# 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.

## KEY 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.

## 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](http://www.denbraven.com).

## TECHNICAL SPECIFICATIONS

<b>100% Modulus</b>	DIN 53504 S2	0,45 N/mm <sup>2</sup>
<b>Application Temperature</b>		+5°C to +40°C
<b>Base</b>		Hybrid
<b>Application Rate</b>	Ø4 mm/3 bar	120 g/min
<b>Curing Time</b>	@ +23°C/50% RH	
<b>Density</b>		1,34 g/ml
<b>Elongation At Break</b>		600%
<b>Flow</b>	ISO 7390	< 3 mm
<b>Frost Resistance</b>		Up to -15°C
<b>Joint Movement</b>		25%
<b>Shore A Hardness</b>	DIN 53505	25
<b>Skin Formation</b>	@ +23°C/50% RH	90 minutes
<b>Temperature Resistance</b>		-30°C to +70°C
<b>Tensile Strength</b>		1,3 N/mm <sup>2</sup>

## 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 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

Light Beige Concrete Grey White Dark Beige

## 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

- Emission EC1 Plus – very low emission
- A+ French VOC Regulation
- ASTM C1248 non-staining
- ASTM C920 S-NS-C50-Nt-T1-M-A-G
- EN 15651-1: F-EXT-INT-CC 25LM
- SNJF F25E
- EN 15651-4: PW-EXT-INT-CC 25LM



## 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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