



Technical Data Sheet

Zwaluw Hybrifix®

High quality universal hybrid sealant and adhesive



Product Description

Zwaluw Hybrifix® is a high quality professional universal sealant and adhesive based on hybrid technology, which cures under influence of humidity to form a durable elastic rubber.

Benefits

- · Universal bonding and sealing for interior and exterior use
- · Permanently elastic
- · Free of isocyanates, solvents and silicones
- No shrinkage and bubble free
- Resistant to UV, moisture, mould and weather
- · Adheres perfectly without primer on most, even damp, surfaces
- Neutral curing, almost odourless
- · Non corrosive towards metals
- High mechanical resistance, end strength and E-modulus
- · Absorbs acoustic and mechanical vibrations

Applications

Zwaluw Hybrifix® was specifically developed as a universal sealant for durable elastic sealing of connection joints and joints in pedestrian walkways in building and industry. For expansion joints Den Braven recommends Zwaluw Hybriseal® Façade or Zwaluw Hybriseal® 2PS. Universal construction adhesive for bonding many building materials such as: stone, concrete, glass, plasterboard, PU, PVC, hard plastics, enamel, ceramic, copper, lead, zinc, aluminium,

metals, alloys, stainless steel, HPL and cement fibre panels (1), wood and paint systems. For sealing and bonding in cold storage cells and kitchens.

Remark (1)

For bonding HPL and cement fibre panels see Technical Bulletins in the Knowledge Base on our website www.denbraven.com.

Directions Of Use

Apply adhesive in a 'ventilating' way in vertical stripes with 10-20 cm between stripes. Do not apply adhesive in dots! The use of 3 mm double sided tape is recommended to support the adhesion during the first 24 hours and to make sure that the thickness of the adhesive is correct. For further questions please contact our technical service.

Additional information

100 % modulus	DIN 53504 S2	1,15 N/mm²
Application rate	@ Ø2,5 mm/6,3 bar	100-300 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	1,56 g/ml
Elongation at break	DIN 53504 S2	350%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505 3 sec.	52
Skin formation	DBTM 16	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +90°C
Tensile strength	DIN 53504 S2	2,00 N/mm²

These are typical values







Technical Data Sheet

Zwaluw Hybrifix®

High quality universal hybrid sealant and adhesive

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 Zwaluw Cleaner. Zwaluw Hybrifix® adheres perfectly without the use of a primer to most non porous substrates. Pre-treat porous substrates with Zwaluw Universal Primer. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

Paintability

Zwaluw Hybrifix® is perfectly paintable with water based and most 2 component paints. Synthetic paints can dry slower. We recommended testing compatibility with paint prior to application. If Zwaluw Hybrifix® 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
- Brown
- White

Packaging

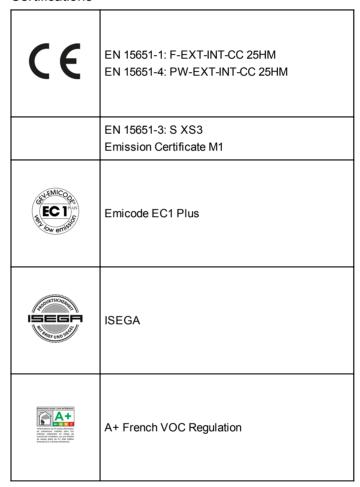
Cartridge

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 (exception for pressure pack shelf life is 12 months) when stored as recommended in original unopened packaging.

Certifications



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.

Disclaimer

All information in this document and in all our other publications (including electronic ones) is based on our current knowledge and experience and is the exclusive (intellectual) property of Bostik. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Bostik







Technical Data Sheet

Zwaluw Hybrifix®

High quality universal hybrid sealant and adhesive

written consent. The technical information in this document serves as an indication and is non-exhaustive. Bostik is not liable for any damage, either directly or indirectly, due to (editorial) errors, incompleteness and/or incorrectness of this document. This includes, but is not limited to, incompleteness and/or incorrectness due to technological changes or any research conducted between the date of publication of this document and the date on which the product is acquired. Bostik reserves the right to amend the wording of this document. Bostik cannot be held liable for any damage, either directly or indirectly, due to the use of the product(s) depicted in this document. The user must read and understand the information in this document and other documents relating to the products prior to the use of the product. The user is responsible for performing all the requisite tests to make sure that the product is suitable for its intended use. We have no influence in what way the product is applied and/or any circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage whatsoever. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.

