



Den Braven

Technical Data Sheet

Zwaluw Clear Fix

High quality crystal clear hybrid adhesive



Product Description

Zwaluw Clear Fix is a high quality professional adhesive. Based on hybrid technology it cures under influence of humidity to form a durable elastic rubber.

Benefits

- Universal crystal clear adhesive for interior use
- Free of isocyanates, solvents and silicones
- No shrinkage, bubble free
- Adheres perfectly without primer to most surfaces
- Neutral curing, almost odourless
- Non corrosive towards metals
- High mechanical resistance strength and E-modulus
- Absorbs acoustic and mechanical vibrations

Applications

Zwaluw Clear Fix was specifically developed as a universal construction adhesive for interior use. Suitable for applications in areas where food is being processed and/or stored.

Directions Of Use

Apply adhesive in a 'ventilating' way in vertical stripes with 10-20 cm distance between stripes. Do not apply the adhesive in dots! Use 3 mm thick double sided tape to support 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/mm ²
Application rate	@ Ø2,5 mm/6,3 bar	150-300 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	1,06 g/ml
Elongation at break	DIN 53504 S2	450%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Shorea hardness	DIN 53505	45
Skin formation	DBTM 16	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +90°C
Tensile strength	DIN 53504 S2	3,20 N/mm ²

These are typical values

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for continuous exposure to water
- With prolonged exposure to UV radiation, products can discolour and become less UV stable
- Not suitable for movement and glazing joints
- Not suitable for natural stone and mirrors

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 Clear Fix adheres perfectly without the use of primer to most non porous



Zwaluw Clear Fix
High quality crystal clear hybrid adhesive

substrates. Porous substrates to be pre-treated with Zwaluw Primer Universal. Always test adhesion prior to application.

Paintability

Zwaluw Clear Fix is perfectly 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 Clear Fix is to be painted over (not necessary), we recommend lightly 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)

- Crystal Clear

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

	ISEGA
	LEED
	A+ French VOC Regulation

	EN 15651-1: F-INT
---	-------------------

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 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.