



Den Braven

Technical Data Sheet

Zwaluw Monustop®

Durable elastic paintable hybrid putty alternative



Product Description

Zwaluw Monustop® is an alternative to putty. It is based on hybrid technology which cures under influence of humidity to form a durable elastic rubber.

Benefits

- Excellent tooling properties in combination with Zwaluw Finisher and joint spatula
- Dries quickly, paintable with water based and synthetic paints
- Adheres perfectly without primer on most, even damp, surfaces
- Permanently elastic
- No shrinkage and bubble free
- High mechanical resistance
- Free of isocyanates, solvents and silicones

Applications

Zwaluw Monustop® was specifically developed for durable elastic sealing of single, insulation and monumental glass (1) in wooden, metal and concrete frames without glazing beads.

Remark (1):

Compatibility of the edge seals of insulation glass with glazing sealants cannot be guaranteed by the supplier of the sealant, as the composition of the edge seals can be changed by the producer without notice. Advice concerning the compatibility of glazing sealants to the edge seals of insulation glass is based on experience and therefore not guaranteed.

Directions Of Use

Triangle joints with a minimum dimension of 10x10 mm. When applying to insulation glass the complete primary butyl seal must be covered with Zwaluw Monustop® to avoid a too high UV load on the butyl. For further questions please contact our technical service.

Additional information

100 % modulus	DIN 53504 S2	0,50 N/mm ²
Application rate	Ø 2,5 mm/ 6,3 bar	50-150 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	1,19 g/ml
Elongation at break	DIN 53504 S2	275%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
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	0,85 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
- Not suitable for natural stone and chlorides (pools)
- Discoloration can occur in dark places and by contact with chemicals

Surface Preparations and Finishing

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



Den Braven

Technical Data Sheet

Better
results
through
knowledge

Zwaluw Monustop®

Durable elastic paintable hybrid putty alternative

Paintability

Zwaluw Monustop® is paintable with most water based and synthetic paints. We recommend testing compatibility with paint prior to application. If Zwaluw Monustop® is to be 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 after application.

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.

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)

- Grey
- Black
- White

Packaging

- Cartridge
- Sausage

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.

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