



Den Braven

Technical Data Sheet

Zwaluw IG Glasseal

Neutral silicone sealant for secondary edge sealing during the manufacturing of insulation glass



Product Description

Zwaluw IG Glasseal is a 1-component neutral silicone sealant with a high modulus which cures under influence of humidity to form a durable elastic rubber.

Benefits

- Excellent bonding on glass
- Neutral curing, almost odourless

Applications

Zwaluw IG Glasseal was specifically developed for secondary edge sealing of insulation glass. For the production of insulating glass a primary seal of polyisobutylene (PIB) must be used in combination with a spacer bar with soldered, welded or with butyl injected corners. The product adheres excellently without primer to glass. Before applying, remove any coating present on the bonding surfaces of the glass.

Directions Of Use

Joint dimensioning according EN-1279. For further questions please contact our technical service.

Additional information

100 % modulus	DIN 53504 S2	0,60 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	100 g/min
Application temperature		+5°C to +40°C
Base		Neutrale oxime
Curing time	@ +23°C/50% RH	2 mm/24 hours
Density		1,15 g/ml
Elongation at break	ISO 1183-1	270%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Shorea hardness	DIN 53505	31
Skin formation	DBTM 16	7-8 min @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	1,00 N/mm ²

These are typical values

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates

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 IG-Glasseal adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Zwaluw Primer B1. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

Paintability

Zwaluw IG Glasseal is not paintable.



Den Braven

Technical Data Sheet

Better
results
through
knowledge

Zwaluw IG Glasseal

Neutral silicone sealant for secondary edge sealing during the manufacturing of insulation glass

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

Packaging

- Sausage

For product specifications, please refer to the Product Detail Page

Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life till 12 months after production date, stored in a dry place.

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.