



Den Braven

Technical Data Sheet

Zwaluw Silicone 7070

Mid modulus silicone sealant



Product Description

Zwaluw Silicone 7070 is a one component silicone sealant for sealing building dilatation and glazing joints. After application the silicone reacts to atmospheric moisture to form a durable rubber seal.

Benefits

- FDA Specifications
- Excellent adhesion to most building materials
- Neutral and odourless
- Permanently elastic under all climate conditions

Applications

Zwaluw Silicone 7070 can be used in joints for top sealing in glazing systems and connecting joints in buildings. Den Braven recommends Zwaluw Silicone 5032, Zwaluw Silicone-NO and Zwaluw Silicone Sanitary for kitchens and bathrooms.

Directions Of 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.

Additional information

100 % modulus	DIN 53504 S2	0,40 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	350 g/min
Application temperature		+5°C to +40°C
Base		Neutral alcoxy
Curing time	@ +23°C/50% RH	2mm/24 hours
Density	ISO 1183-1	1,15 g/ml
Elongation at break	DIN 53504 S2	250%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505	25
Skin formation	DBTM 16	8-9 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	0,60 N/mm ²

These are typical values

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- 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, dry, and free of grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw Silicone 7070 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.



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Paintability

Zwaluw Silicone 7070 is not paintable. We recommend covering the edges of the joint with masking tape to prevent surfaces that need to be painted from being contaminated by silicone.

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)

- White
- RAL 1019 (Grey Beige)
- Grey
- Black
- Oak
- Bronze

Packaging



- Cartridge

For product specifications, please refer to the Product Detail Page

Shelf Life

If kept stored in a cool, dry place, in unopened original packaging, between +5°C and +25°C, shelf life is up to 12 months from production date.

Certifications

	EN 15651-1: F-EXT-INT-CC 25LM EN 15651-2: G-CC 25HM
	A+ French VOC Regulation



SNJF FG25E

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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