



Den Braven

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.

KEY 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.

DIRECTION FOR 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.

TECHNICAL SPECIFICATIONS

100% Modulus	DIN 53504 S2	0,40 N/mm ²
Application Temperature		+5°C to +40°C
Base		Neutral alcoxy
Application Rate	@ Ø3 mm/6,3 bar	131 g/min
Curing Time	@ +23°C/50% RH	
Density		1.15 g/ml
Elongation At Break		250%
Flow	ISO 7390	< 2 mm
Frost Resistance		Up to -15°C
Joint Movement		25%
Shore A Hardness	DIN 53505	25
Skin Formation	+23°C/50% RH (DBTM 16)	7-8 minutes
Temperature Resistance		-40°C to +120°C
Tensile Strength		0.95 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.

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.

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.

BOSTIK CERTIFICATIONS

- EN 15651-1: F-EXT-INT-CC 25LM
- A+ French VOC Regulation
- SNJF F25E
- EN 15651-2: G-CC 25HM
- SNJF FACADE VITRAGE mastic élastique FG 25 E



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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