



Den Braven

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.

KEY 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.

DIRECTION FOR USE

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

TECHNICAL SPECIFICATIONS

100% Modulus	DIN 53504 S2	0,60 N/mm ²
Application Temperature		+5°C to +40°C
Base		Neutrale oxime
Application Rate	@ Ø3 mm/6,3 bar	100 g/min
Curing Time	@ +23°C/50% RH	
Density		1.15 g/ml
Elongation At Break		270%
Flow	ISO 7390	< 2 mm
Frost Resistance		Up to -15°C
Shore A Hardness	DIN 53505	31
Skin Formation	+23°C/50% RH (DBTM 16)	7-8 min
Temperature Resistance		-40°C to +120°C
Tensile Strength		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.

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

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.