



# S740

## GLASS'N'SEAL SILICONE N

PREMIUM MATT SILICONE SEALANT FOR GLAZING AND FAÇADE JOINTS

### TECHNICAL DATA SHEET

#### BENEFITS

- 100% Meko-free
- Neutral curing, almost odourless
- BREEAM International Compliant
- Perfect bonding without primer on most substrates
- Excellent resistance to UV, water and weather
- Non corrosive towards metals
- Good adhesion to glass, painted wood, ceramic, enamelled, stainless steel and many plastics

#### PRODUCT DESCRIPTION

**Bostik S740 GLASS'N'SEAL SILICONE N** is a versatile neutral silicone sealant for glazing and façade joints, which cures under influence of humidity to form a durable elastic rubber.

#### APPLICATIONS

**Bostik S740 GLASS'N'SEAL SILICONE N** is specially developed for durable elastic sealing of glazing systems as well as expansion joints in concrete and brickwork, connections joints, curtain wall constructions and industrial applications (1). Remark: Compatibility with edge seals of insulation glass cannot be guaranteed, as the compositions of sealant for the edges of insulation glass can be different or changed by the producer of insulation glass. Advices concerning the compatibility of glazing sealants to the edge seals of insulation glass are based on experience and therefore not guaranteed.

#### 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.



#### TECHNICAL DATA

100 % modulus	DIN 53504 S2	0,35 N/mm <sup>2</sup>
Application rate	@ Ø3 mm/6,3 bar	130 g/min
Application temperature		+5°C to +40°C
Base		Neutral 2-Pentanone
Curing time	@ +23°C/50% RH	2 mm/24 hours
Density	ISO 1183-1	1,24 g/ml
Elongation at break	DIN 53505/ ISO 868	550%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to - 15°C
Joint movement		25%
Shore A hardness	DIN 53505 / ISO 868	19
Skin formation	DBTM 10.00	7-8 minutes @ +23°C/50% RH
Temperature resistance		-50°C to +120°C
Tensile strength	DIN 53504 S2	1,30 N/mm <sup>2</sup>

*These values are typical properties and may vary +/-3%*

#### 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 and free of grease and dust. Clean substrates with **Bostik T100 UNIVERSAL CLEANER**. **Bostik S740 GLASS'N'SEAL SILICONE N** adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with **Bostik T300 UNIVERSAL PRIMER**. Always test adhesion prior to application. Use **Bostik T500 FINISHING SOAP** to smooth the joint.

## PAINTABILITY

**Bostik S740 GLASS'N'SEAL SILICONE N** 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

Tools should be cleaned after use with water. Hands can be cleaned with **Bostik T150 CLEANING WIPES** and/or water and soap. Cured material can only be mechanically removed.

## COLOUR(S)

- White
- Light Grey
- Concrete Grey
- Anthracite
- Black

## PACKAGING

- 300 ml cartridges, 12 per box

*For product specifications, please refer to the Online Product Detail Page*

## SHELF LIFE

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

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## HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use. These are available on request and via the websites.

## CERTIFICATIONS

- A+ French VOC Regulation
- EMICODE EC1 Plus – very low emission
- Blue Angel (RAL UZ 123)
- BREEAM International Compliant
- E1 EN 717-1§
- Indoor Air Comfort Gold®
- EN 15651-1: F-EXT-INT-CC 25LM
- EN 15651-2: G-CC 25LM

## BREEAM

BREEAM is the world's leading sustainability assessment method for master planning projects, infrastructure and buildings. It recognises and reflects the value in higher performing assets across the built environment lifecycle, from new construction to in-use and refurbishment.

Bostik is able to support the BREEAM international scheme to provide independent third party certificates, as we can do for this product the **Bostik S740 GLASS'N'SEAL SILICONE N**. Due to the EC1 Plus, Bostik can provide the required 'proof' accordingly the Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels.

## BOSTIK SMART SUPPORT

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