



# S735

## SEAL'N'FLEX CURTAIN WALL PREMIUM LOW MODULUS SILICONE SEALANT

### TECHNICAL DATA SHEET

#### BENEFITS

- Neutral curing oxime-free silicone
- Suitable for BREEAM applications
- Low modulus
- Durable, permanent soft elastic
- Excellent resistance to UV, water and weather
- Good adhesion to glass, painted wood, ceramic, enamelled, stainless steel and many plastics

#### PRODUCT DESCRIPTION

**Bostik S735 SEAL'N'FLEX CURTAIN WALL** is a high quality professional low modulus silicone sealant for curtain wall constructions, glazing applications and construction and dilatation joints. **Bostik S735 SEAL'N'FLEX CURTAIN WALL** fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

#### APPLICATIONS

**Bostik S735 SEAL'N'FLEX CURTAIN WALL** is specifically developed as a curtain wall constructions, glazing applications and construction and dilatation joints where extreme low emissions are required.

#### 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 10mm is 1:1, with a minimum of 5mm in width and depth. For joints wider than 10mm, the depth is the width divided by 3 plus 6mm.



#### TECHNICAL DATA

100% modulus	ISO 8339	0,35 N/mm <sup>2</sup>
Application rate		130 g/min
Application temperature		+5°C to + 40°C
Base		2-Pentanone Oxime
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,24 g/ml
Elongation at break	ISO 8339	550%
Frost resistance during transportation		Up to - 15°C
Joint movement		25%
Shore A hardness	DIN 53505	19
Skin formation	DBTM 10.00	8 min. @ +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, dry, and free of grease and dust.

Clean substrates with **Bostik T100 UNIVERSAL CLEANER**. **Bostik S735 SEAL'N'FLEX CURTAIN WALL** adheres perfectly without the use of a 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 S735 SEAL'N'FLEX CURTAIN WALL** is not paintable. It is recommended to cover the edges of the joint with a masking tape in order to prevent that the surfaces which still needs to be painted will be contaminated with silicone.

## CLEANING

Uncured material and tools can be cleaned by using **Bostik T100 UNIVERSAL CLEANER**. Cured material can only be mechanically removed. Hands can be cleaned with **Bostik T150 CLEANING WIPES**.

## COLOUR(S)

- White
- Ivory
- Concrete Grey
- Mid Grey
- Anthracite
- Black

## PACKAGING

- 300 ml Cartridge, 12 per box
- 600 ml Sausages, 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

- Emission EC1 Plus
- Blue Angel (RAL UZ 123)
- BREEAM International Compliant
- E1 EN 717-1§
- Indoor Air Comfort Gold®
- F-EXT-INT-CC 25LM
- G-CC 25LM
- A+ French VOC Regulation

## 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 S735 SEAL'N'FLEX CURTAIN WALL**. Due to the EC1 Plus, Bostik can provide the required 'proof' accordingly the Hea O2 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels.



**BOSTIK SMART SUPPORT**

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