



# S741

## SEAL'N'FLEX CONSTRUCT FLEXIBLE SEALANT FOR FAÇADE JOINTS AND CURTAIN WALLS

### TECHNICAL DATA SHEET

#### BENEFITS

- Neutral curing silicone
- Semi matt finish
- Durable, permanent soft elastic
- Excellent resistance to UV, water and weather
- Good adhesion to a wide range of substrates
- Non corrosive towards metals

#### PRODUCT DESCRIPTION

**Bostik S741 SEAL'N'FLEX CONSTRUCT** is a versatile neutral curing flexible sealant for façade expansion and dilatation joints as well as for curtain wall applications.

#### APPLICATIONS

**Bostik S741 SEAL'N'FLEX CONSTRUCT** is specifically developed as a flexible sealant for façade expansion and dilatation joints as well as curtain wall constructions,

#### 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	0,47 N/mm <sup>2</sup>
Application rate		150 g/min
Application temperature		+5°C to +40°C
Base		Oxime
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,25 g/ml
Elongation at break	ISO 8339	580%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shore A hardness	DIN 53505	26
Skin formation	DBTM 10.00	7 min. @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	1,26 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 S741 SEAL'N'FLEX CONSTRUCT** 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 S741 SEAL'N'FLEX CONSTRUCT** 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

*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 9 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.



**BOSTIK SMART SUPPORT**

Smart help digital  
[Bostik.com/](https://www.bostik.com/)

Smart help  
**+971 4 875 1700**

## Bostik Consumer & Construction

Arkema Middle East DMCC Unit 1108, JBC3 Tower Cluster Y Jumeirah Lakes Towers Dubai, United Arab Emirates  
Tel.: +971 4 875 1700  
[www.bostik.com](http://www.bostik.com)