

# H725

## SEAL'N'FLEX FAÇADE PREMIUM LOW MODULUS FLEXIBLE CONSTRUCTION SEALANT

### TECHNICAL DATA SHEET

#### BENEFITS

- Bubble free curing
- Excellent toolability
- Low modulus
- No isocyanates and solvents
- Permanently elastic
- Resistance to moisture and weather influences
- Adheres perfectly without primer on most, even damp, surfaces

#### PRODUCT DESCRIPTION

**Bostik H725 SEAL'N'FLEX FAÇADE** is a professional quality sealant for construction and dilatation joints. Bostik H725 SEAL'N'FLEX FAÇADE fulfils BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

#### APPLICATIONS

**Bostik H725 SEAL'N'FLEX FAÇADE** was specifically developed as a universal sealant for sealing construction and dilatation joints and joints in pedestrian walkways on most common building materials such as concrete, brickwork, painted wood, enamel, aluminium, stainless steel and a variety of plastics.

#### 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	≤0,40 N/mm <sup>2</sup>
Application rate		120 g/min
Application temperature		+5°C to +40°C
Base		Hybrid
Curing time	@+23oC/50%RH	2-3 mm/24 hours
Density	ISO 1183-1	1,34 g/ml
Elongation at break	ISO 8339	600%
Flow	ISO 7390	< 3 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shore A hardness	DIN 53505	25
Skin formation	DBTM 10.00	90 min @ +23°C/50% RH
Temperature resistance		-30°C to +70°C
Tensile strength	DIN 53504	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
- Not suitable for structural glazing and huge mirrors
- Not suitable in combination with chlorides (pools)

## 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 H725 SEAL'N'FLEX FAÇADE** 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 H725 SEAL'N'FLEX FAÇADE** is paintable with water based and most 2 component paints. Synthetic paints can dry slower. We recommend testing compatibility with paint prior to application. If **Bostik H725 SEAL'N'FLEX FAÇADE** is being painted over (not necessary), we recommend slightly sanding the sealant and the junction surfaces prior to use with Scotch-Brite. For the best results, we recommend painting within a few days of application.

## 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
- Light Beige
- Concrete Grey
- Black

## PACKAGING

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

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

## SHELF LIFE AND STORAGE

In unopened original packaging between + 5°C and + 25°C, shelf life is up to 15 months from production date, stored in a dry place.

The information and recommendations relating to the application and end-use of the product are given in good faith and based on tests which we believe to be reliable. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. However, no warranty in respect of merchantability or fitness for a particular purpose, nor any liability arising out of any legal relationship, whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. No guarantee of their accuracy can be made because of the great range of field conditions and variation encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with limited warranty only, and on condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price.

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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
- F-EXT-INT-CC 25LM
- PW-EXT-INT-CC 25LM
- ASTM C-920
- SNJF F25E
- A+ French VOC Regulation

## BREEAM

BREEAM is the world's leading sustainability assessment method for master planning projects, infrastructure and buildings. It recognizes 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 H725 SEAL'N'FLEX FAÇADE**. 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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