



# H985

## SEAL'N'FLEX WEATHER SHIELD

PREMIUM LOW MODULUS HYBRID SEALANT WITH EXTREME LOW EMISSIONS

### TECHNICAL DATA SHEET

#### BENEFITS

- Free of isocyanates, solvents, phthalate, tin and silicones
- Durable, permanent soft elastic
- 100% bubble free curing
- High elongation at break and movement capacity
- Good resistance to UV, weather and water
- Paintable
- Adheres perfectly without primer on most, even damp, surfaces

#### PRODUCT DESCRIPTION

**Bostik H985 SEAL'N'FLEX WEATHER SHIELD** is a premium phthalate, tin and solvent free quality low modulus sealant for construction and dilatation joints. **Bostik H985 SEAL'N'FLEX WEATHER SHIELD** fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

#### APPLICATIONS

**Bostik H985 SEAL'N'FLEX WEATHER SHIELD** is specifically developed as a universal sealant for sealing construction and expansion joints and joints in pedestrian walkways 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	0,60 N/mm <sup>2</sup>
Application rate		100-200 g/min
Application temperature		+5°C to +40°C
Base		Hybrid
Curing time	@ +23°C/50% RH	2 mm/24 hours
Density	ISO 1183-1	1,46 g/ml
Elongation at break	ISO 8339	850%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shore A hardness	DIN 53505	28
Skin formation	DBTM 10.00	30 min. @ +23°C/50% RH
Temperature resistance		-30°C to +70°C
Tensile strength	DIN 53504	1,40 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 natural stone and mirrors
- Not suitable for natural stone and chlorides (pools)
- Not suitable for continuous water load

## 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 H985 SEAL'N'FLEX WEATHER SHIELD** 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 H985 SEAL'N'FLEX WEATHER SHIELD** 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 H985 SEAL'N'FLEX WEATHER SHIELD** 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
- 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*

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## SHELF LIFE

In unopened original packaging between + 5°C and + 25°C, shelf life is up to 18 months from 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 the websites.

## CERTIFICATIONS

- Bostik Flex-IQ®
- Emission EC1 Plus
- Emission Certificate M1
- F-EXT-INT-CC 25LM
- PW-EXT-INT-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 H985 SEAL'N'FLEX WEATHER SHIELD**. 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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