

Bostik H985 SEAL'N'FLEX WEATHER SHIELD

Premium low modulus hybrid sealant with extreme low emissions



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).

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

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.

Additional information

| | | |
|--|------------------|----------------------------|
| 100 % modulus | DIN 53504 S2 | < 0,40 N/mm ² |
| Application rate | Ø2,5 mm/ 6,3 bar | 100-200 g/min |
| Application temperature | | +5°C to +40°C |
| Base | | Hybrid |
| Curing time | @23°C/50% RF | 2-3 mm/24h |
| Density | ISO 1183-1 | 1,46 g/ml |
| Elongation at break | DIN 53504 S2 | 850% |
| Flow | ISO 7390 | < 2 mm |
| Frost resistance during transportation | | up to -15°C |
| Joint movement | | 25% |
| Shorea hardness | DIN 53505 3 sec. | 28 |
| Skin formation | DBTM 16 | 30 minutes @23°C/50% RF |
| Temperature resistance | | -40°C to +90°C |
| Tensile strength | DIN 53504 S2 | 1,40 N/mm ² |

These are typical values

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 Cleaner. Bostik H985

Bostik Benelux B.V

Denariusstraat 11, 4903 RC Oosterhout, The Netherlands
Phone: +31 (0)162491000, E-mail: info@bostik.com
www.bostik.com | www.denbraven.com

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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 Primer. Always test adhesion prior to application. Use Bostik Finisher 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 Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Bostik Wipes.

Colour(s)

- Concrete Grey
- Ivory
- Black
- White
- Medium Grey
- Anthracite

Packaging




- Cartridge

For product specifications, please refer to the Product Detail Page

Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life till 18 months after production date, stored in a dry place.

Certifications

| | |
|---|---|
|  | EN 15651-1: F-EXT-INT-CC 25LM |
| | EN 15651-4: PW-EXT-INT-CC 25LM Emission Certificate M1 |
|  | Emicode EC1 Plus |
|  | A+ French VOC Regulation |

Health & Safety

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

Warranty & Guarantee

Bostik warrants that its product complies, within its shelf life, to its specification.

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