

H760

SEAL'N'FLEX PRO SEAL PREMIUM HIGH ELASTIC SEALANT

2023-12-06

TECHNICAL DATA SHEET

BENEFITS

- Durable, permanent soft elastic
- Suitable for connection and expansion joints, interior and exterior
- High elongation at break and movement capacity
- Free of isocyanates, solvents, phtalates and silicones
- No shrinkage and bubble free
- Good resistant to UV, weather and water
- Adheres perfectly without primer on most, even damp, surfaces



PRODUCT DESCRIPTION

Bostik H760 SEAL'N'FLEX PRO SEAL is a high elastic professional quality sealant for construction and dilatation joints. **Bostik H760 SEAL'N'FLEX PRO SEAL** fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

APPLICATIONS

Bostik H760 SEAL'N'FLEX PRO SEAL 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	0,80-0,90 N/mm ²
Application rate		100-150 g/min
Application temperature		+5°C to + 40°C
Base		Hybrid
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,40-1,50 g/ml
Elongation at break	ISO 8339	440%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to - 15°C
Joint movement		25%
Shore A hardness	DIN 53505	38-43
Skin formation	DBTM 10.00	30-40 min. @ +23°C/50% RH
Temperature resistance		-40°C to + 110°C
Tensile strenght	DIN 53504	1,75-1,85 N/mm ²

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 glazing joints, natural stone and mirrors
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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 H760 SEAL'N'FLEX PRO SEAL 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 H760 SEAL'N'FLEX PRO SEAL 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 H760 SEAL'N'FLEX PRO SEAL** 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**.

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

In unopened original packaging between + 5°C and + 25°C, shelf life is up to 24 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

- F-EXT-INT-CC 25LM
- PW-EXT-INT-CC 25LM
- Emicode EC1 Plus
- M1
- ISEGA

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 H760 SEAL'N'FLEX PRO SEAL**. 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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