



BOSTIK H760 SEAL'N'FLEX PRO SEAL

PREMIUM HIGH ELASTIC SEALANT

TECHNICAL SHEET

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KEY FEATURES

- Durable, permanent soft elastic
- High elongation at break and movement capacity
- Free of isocyanates, solvents, phthalates and silicones
- Good resistant to UV, weather and water
- Resistant to sea-water and de-icing solution
- Improved water-repellency

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).

AREAS OF APPLICATION

Bostik H760 SEAL'N'FLEX PRO SEAL was developed as a versatile sealant for various applications. It effectively seals construction and expansion joints, as well as joints in pedestrian walkways, across a wide range of common building materials including concrete, brickwork, painted wood, enamel, aluminum, stainless steel, and various plastics. Additionally, it is suitable for sealing joints in timber or wooden housing, modular construction, container housing, as well as for gutters, roofing, and weatherproofing.

DIRECTION 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 CHARACTERISTICS

100% modulus	DIN 53504 S2	0,8 – 0,90 N/mm2
Application rate	Ø2,5 mm/6,3 bar	100-150 g/min.
Application temperature		+5°C to +40°C
Base		SMP
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,40 – 1,50 g/ml
Elongation at break	DIN 53504 S2	400 – 500 %
Flow	ISO 7390	<2 mm
Frost resistance during transporation		up to -15°C
Joint movement		25%
Shore A hardness	DIN 53505 3 sec.	38 – 43
Skin formation	DBTM 16	30-40 min. @ +23°C/50% RH
Temperature resistance		-40°C to +100°C.
Tensile strenght	DIN 53504 S2	1,50 – 1,80 N/mm2

LIMITATIONS

- Not suitable for PE, PP, PTFE, soft plastics, neoprene and bituminous substrates.
- Not suitable for continuous water load.
- Not suitable in combination with chlorides (pools).
- Not suitable for structural sealing, glazing joints, natural stone and mirrors.

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.






STORAGE

Store between +5°C and +25°C and in shaded conditions. Shelf life is 24 months when stored as recommended in original unopened packaging.

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.

CERTIFICATIONS

	EMICODE EC1 PLUS
	M1 Emission classification
	ISEGA
	EN 15651-1: F-EXT-INT-CC 25HM EN 15651-4: PW-EXT-INT-CC 25HM
	A+ French VOC Regulation

HEALTH & SAFETY

For more details, consult the safety data sheet on:
<https://bostiksdsthevercs.com/>

The application recommendations are defined by standards of use. They are imperative to respect them, but they don't need a previous try, especially for a first use or particular inconvenient of support, site or environment. Consult our safety data sheets for precautions to use.

DISCLAIMER

Bostik offers this Technical Data Sheet ("TDS") for descriptive and informational use only. It is not a warranty, a contract or a substitute for expert or professional advice. Please also see the local product Safety Data Sheet for health and safety considerations.

The statements, technical information, data, and recommendations contained in this TDS are provided 'AS IS' and are not warranted or guaranteed in any way. They represent typical results for the products and are based on Bostik's research only. Since the conditions and methods of use of the products are beyond our control, Bostik expressly disclaims any and all liability and damages of whatever kind or nature that may arise from any use of the products, the results therefrom, or reliance on the information contain herein.

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