

Bostik H550 SEAL'N'BOND ALL-IN-ONE

High quality universal hybrid sealant and adhesive



Product Description

BOSTIK H550 SEAL'N'BOND ALL-IN-ONE is a high quality professional all-in-one hybrid sealant and adhesive with a high strength. BOSTIK H550 SEAL'N'BOND ALL-IN-ONE fulfils BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

Benefits

- Universal bonding and sealing for interior and exterior use
- Permanently elastic
- Free of isocyanates and solvents
- Adheres perfectly without primer on most, even damp, surfaces
- High mechanical resistance, end strength and E-modulus

Applications

BOSTIK H550 SEAL'N'BOND ALL-IN-ONE is an universal sealant for durable elastic sealing connection joints and joints in pedestrian walkways in building and industry. At the same time BOSTIK H550 SEAL'N'BOND ALL-IN-ONE can be used as universal construction adhesive for bonding many building materials such as: stone, concrete, glass, plasterboard, PU, PVC, hard plastics, enamel, ceramic, copper, lead, zinc, aluminium, metals, alloys, stainless steel, HPL and cement fibre panels (*) and wood.

* for panel bonding Bostik is offering the BOSTIK H970 PANELTACK MM, BOSTIK H975 PANELTACK HM and BOSTIK S970 ROCKPANEL S.

Directions Of Use

BOSTIK H550 SEAL'N'BOND ALL-IN-ONE as sealant: 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. **BOSTIK H550 SEAL'N'BOND ALL-IN-ONE as adhesive:** Apply adhesive in a 'ventilating' way in vertical stripes with 10-20 cm between stripes. Do not apply adhesive in dots! The use of 3 mm double sided tape is recommended to support the adhesion during the first 24 hours and to make sure that the thickness of the adhesive is correct.

Additional information

100 % modulus	DIN 53504 S2	1,15 N/mm ²
Application rate	@ Ø2,5 mm/6,3 bar	100-300 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	1,56 g/ml
Elongation at break	DIN 53504 S2	350%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shore hardness	DIN 53505 3 sec.	52
Skin formation	DBTM 16	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +90°C
Tensile strength	DIN 53504 S2	2,00 N/mm ²

These are typical values

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Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for natural stone and 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 and free of grease and dust. Clean substrates with BOSTIK T100 UNIVERSAL CLEANER. BOSTIK H550 SEAL'N'BOND ALL-IN-ONE adheres perfectly without the use of 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 H550 SEAL'N'BOND ALL-IN-ONE 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 H550 SEAL'N'BOND ALL-IN-ONE 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 a few days after application.

Cleaning

Tools should be cleaned after use with water. Hands can be cleaned with BOSTIK T150 CLEANING WIPES and/or water and soap. Cured material can only be mechanically removed.

Colour(s)

- Grey
- Black
- White

Packaging





- Cartridge

For product specifications, please refer to the Product Detail Page

Shelf Life

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months (exception for pressure pack shelf life is 12 months) when stored as recommended in original unopened packaging.

Certifications

	EN 15651-1: F-EXT-INT-CC 25HM EN 15651-4: PW-EXT-INT-CC 25HM
	EN 15651-3: S XS3 Emission Certificate M1
	Emicode EC1 Plus
	ISEGA
	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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