

## 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 <sup>2</sup>
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%
Shorea 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 <sup>2</sup>

*These are typical values*

### 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

28-02-2024  
 07:29:45  
 CET

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

High quality universal hybrid sealant and adhesive

### 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
- White
- Black

### Packaging

- Cartridge

*For product specifications, please refer to the Product Detail Page*


### Bostik Benelux B.V

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

### 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 Emission EC1 Plus ISEGA A+ French VOC Regulation
	EN 15651-3: S XS3 EN 15651-4: PW-EXT-INT-CC 25HM Emission Certificate M1

### 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.

### Disclaimer

All information in this document and in all our other publications (including electronic ones) is based on our current knowledge and experience and is the exclusive (intellectual) property of Bostik. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Bostik written consent. The technical information in this document serves as an indication and is non-exhaustive. Bostik is not liable for any damage, either directly or indirectly, due to (editorial) errors, incompleteness and/or incorrectness of this document. This includes, but is not limited to, incompleteness and/or incorrectness due to technological changes or any research conducted between the date of publication of this document and the date on which the product is acquired. Bostik reserves the right to amend the wording of this document. Bostik cannot be held liable for any damage, either directly or indirectly, due to the use of the product(s) depicted in this document. The user must read and understand the information in this document and other documents relating to the products prior to the use of the product. The user is responsible for performing all the requisite tests to make sure that the product is suitable for its intended use. We have no influence in what way the product is applied and/or any circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage whatsoever. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.