



H550

SEAL'N'BOND ALL-IN-ONE HIGH QUALITY UNIVERSAL HYBRID SEALANT AND ADHESIVE

TECHNICAL DATA SHEET

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

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** fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea O2 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

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 **H970 PANELTACK MM**, **H975 PANELTACK HM** and **S970 ROCKPANEL S**.



TECHNICAL DATA

100 % modulus	DIN 53504 S2	1,15 N/mm ²
Application rate	@ Ø 2,5 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 53505/ ISO 868	350%
Flow	ISO 7390	< 2 mm
Joint movement		25%
Shore A hardness	DIN 53505 / ISO 868	52
Skin formation	DBTM 10.00	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	2,00 N/mm ²

These values are typical properties and may vary +/-3%

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 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm.

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.

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.

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Bostik Consumer & Construction

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COLOUR(S)

- White
- Grey
- Black

PACKAGING

- 290 ml cartridges, 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 18 months from production date, stored in a dry place.

HEALTH & SAFETY

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

CERTIFICATIONS

- Emicode EC1 Plus
- M1
- ISEGA
- LEED
- EN 15651-1: F-EXT-INT-CC 25HM
- EN 15651-3: S XS3
- EN 15651-4: PW-EXT-INT-CC 25HM
- A+ French VOC Regulation

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