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 02 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/mm²
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/mm²

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.

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 15651-4: PW-EXT-INT-CC 25HM
- A+ French VOC Regulation

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 H550 SEAL'N'BOND ALL-IN-ONE**. 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.

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