



H505

SEAL'N'BOND CRYSTAL UNIVERSAL TRANSPARENT HYBRID SEALANT AND ADHESIVE

TECHNICAL DATA SHEET

BENEFITS

- Crystal clear
- Phthalate-free, tin-free and solvent free
- High UV resistance
- Multi-functional sealant and adhesive
- Suitable for internal and external use*

PRODUCT DESCRIPTION

Bostik H505 SEAL'N'BOND CRYSTAL is a high quality professional phthalate, tin and solvent free crystal clear universal sealant and adhesive.

Bostik H505 SEAL'N'BOND CRYSTAL is hybrid based and it cures under influence of humidity to form a durable elastic rubber.

APPLICATIONS

Bostik H505 SEAL'N'BOND CRYSTAL as specifically developed as a crystal clear universal sealant and adhesive for interior and exterior use*. **Bostik H505 SEAL'N'BOND CRYSTAL** can be used for all type of non-structural sealing applications where a minimum of joint movement is expected.

Furthermore **Bostik H505 SEAL'N'BOND CRYSTAL** can be used to seal and bond a wide variety of common building materials. * **Bostik H505 SEAL'N'BOND CRYSTAL** has got a high resistance against UV, however Bostik will still recommend when using this product outside to avoid direct UV exposure.

DIRECTIONS OF USE

Applied as a sealant in situations where a maximum joint movement is expected of 12,5%. 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 till 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 recommends always to use a correct backer rod to

assure a correct joint dimension and to avoid a three-point contact. For more information see the 'Bostik FactSheet FS008 Joint Dimensions' on our website. Applied as an adhesive, apply **Bostik H505 SEAL'N'BOND CRYSTAL** in a 'ventilating' way in vertical stripes with 10-20 cm distance between stripes. Do not apply the adhesive in dots! For further questions please contact our technical service.



TECHNICAL DATA

100 % modulus	DIN 53504 S2	0,50 N/mm ²
Application rate	@ Ø 2,5mm/6,3 bar	100 g/min
Application temperature		+5°C to +40°C
Base		Hybrid
Curing time	@ +23°C/50% RH	3 mm/24 hours
Density	ISO 1183-1	1,03 g/ml
Elongation at break	DIN 53505/ ISO 868	500%
Shore A hardness	DIN 53505 / ISO 868	25
Skin formation	DBTM 10.00	30 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	2,50 N/mm ²

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

LIMITATIONS

- Not suitable for PE, PP, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for glazing joints, natural stone and mirrors
- Not suitable for natural stone and chlorides (pools)
- Not suitable for continuous water load
- With prolonged exposure to UV radiation, products can discolour and become less UV stable)

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 H505 SEAL'N'BOND CRYSTAL** 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 H505 SEAL'N'BOND CRYSTAL is paintable with alkyd resin and dispersion base. We recommend testing compatibility with paint prior to application. If **Bostik H505 SEAL'N'BOND CRYSTAL** 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)

- Transparent

PACKAGING

- 300 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 15 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

- EN 15651-1: F-EXT-INT-CC 20LM

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

BOSTIK SMART SUPPORT

Smart help digital
[Bostik.com/](https://www.bostik.com/)

Smart help
+971 4 875 1700



Bostik Consumer & Construction

Arkema Middle East DMCC Unit 1108, JBC3 Tower Cluster Y Jumeirah Lakes Towers Dubai, United Arab Emirates
Tel.: +971 4 875 1700
www.bostik.com