



S-BOND CRYSTAL

DESCRIPTION

S-Bond Crystal is a high quality, strong, one-component adhesive and bonding material with addition of agents that prevents the growth of mould. The product is odourless, neutral and free of isocyanates. After application it cures with atmospheric moisture to form a durable rubber tough rubber. NSF approved for use as a sealant (S2) in and around food processing areas.

PROPERTIES

- Is 100% transparent.
- Remains permanently elastic.
- Very good mechanical characteristics.
- Paintable with water based paints (alkyd resin based paints may slowdown in drying, please test first).
- Good resistance to water, even salt water and most solvents.
- Free of isocyanates, solvents, acids or halogens.
- Is tested and classified by NSF for use in and around food (S2) where there is no possibility for direct contact with food or potable water.
- Quality assurance (CE) and tested for use as a sealant for use indoors and sanitary applications according to EN 15651-1 / -3.

FIELD OF APPLICATION

- Bonds and seals with excellent adhesion on virtually all surfaces, even slightly moist.
- Universal adhesive and sealant for interior use and for exterior bonding applications.
- Multipurpose fill and joint sealant for connecting joints, cracks, wholes, etc.
- Ideal for applications where a completely invisible adhesion or seam are desired for e.g. on glass, plastics and other transparent materials.
- Ideal for use in sanitary facilities, for bonding and sealing in bathroom and kitchen with the addition of agents that prevents the growth of mold.
- Sealing and bonding in food areas.
- For coachwork and metal surfaces, for bonding metal to metal (can absorb vibrations).

USER INSTRUCTIONS

Apply on dry and clean substrates free of loose particles.

Surplus material (not cured) is removed using Soft Clean. Not suitable for bonding aquariums. Avoid applications where SBC is continuously exposed to UV light.

Not recommended as glazing agent. Not suitable for expansion joints. Do not use in applications that are constantly under water. Not recommended on natural stone. Surface can discolour and looks wet out. The sanitary formula with anti-mold agents should not replace normal cleaning of the joint. Excessive contamination, deposits, dirt will stimulate the growth of fungi.


S-BOND CRYSTAL – SBC – 124
Art.no. 15454

Signature: JH

Date: 2023-08-22

This product information is property of VEIDEC AB and is not to be forwarded to third persons without our agreement. The product information has been made out according to our experiences; the corresponding distributing company has to point out probable characteristics as to the use of the product as the application fields are often very different. The recommendations as to technical use are not binding and do not justify any contractual relationship and subsidiary obligations under the contract of purchase. They especially do not relieve the buyer from testing our product on his own as to the suitability for the designated field of application.

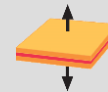


S-BOND CRYSTAL

TECHNICAL DETAILS

Colour:	Transparent.
Packaging:	PE cartridge of 290 ml. Art.no. 15454
Accessories:	Nozzle cartridge: Art.no. 15478 V-nozzle cartridge: Art.no. 15472-1 Twister: Art.no. 15470 Alu Gun: Art.no. 15264
Odour:	None
Full curing time (20°C / 65% R.H.)	2-3 mm/24 h, (skinning time 10 min.).
Fixture time:	Depends on thickness of material.
Density (20°C):	1,04 g/ml
VOC (directive 2010/75/EU):	5,2%
Elastic recovery:	>75%
Joint dimensions (Widths, depths, thickness):	Min. & max dimension (bonding): 1-3 mm Min. & max width (joint): 5-10 mm Minimum depth (joint): 5 mm
Maximum movement capacity:	± 20 %
Shelf life (temp.) months (+5°C to +25 °C):	>12 months.
Elongation at break:	300%.
Tensile strength:	2,4 N/mm ²
E-module at 100%:	0,8 N/mm ²
Hardness (Shore A):	38 ± 5
Temperature resist:	-40°C to +90°C, intermit. +120°C
Application & Surface temperature:	+5°C to +35°C
Environmental clauses:	Conforms to: LEED (Low – Emitting Materials: Adhesive & Sealants). SCAQMD rule 1168. Complies with USGBC LEED 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content.
Certificates & Registrations:	NSF S2, BASTA, Byggardeklaration available.
CE Marking (EN 15651-1 & 3)	Part 1: Type F-INT (15651-1) Part 3: Sanitary – Type S: Class XS1 (15651-3)
Others:	In compliance with the legal regulations, please see current Material Safety Data Sheet. https://veidec.com/en/msds
Chemical resistance guide:	Available in separate list. Avoid contact with strong acids and solvents.
User Instruction:	Scan the QR-code for MSDS, video and other information.

SYMBOLS



Tensile strength:
2,40 N/mm²

CERTIFICATES



NSF – S2
For use in and around food processing areas
<http://info.nsf.org/USDA/letters/141962.pdf>



EN 15651 (1/3)
Facade: Type F-INT
Sanitary: Type S: Class: XS1



S-BOND CRYSTAL is registered by BASTA.


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