

# S-BOND HYBRID

## DESCRIPTION

VEIDEC S-Bond Hybrid is a, professional and universal one component adhesive and sealant material. The product is odourless, neutral curing and free of silicone, solvents and isocyanates. After application it cures with moisture to form a durable and flexible rubber. ISEGA Certification for use in food production.

## PROPERTIES

- Durable, strong and elastic bonding with movement capacity of 20%. Ideal for bonding and sealing bonding in vibrating and moving constructions.
- For sealing and bonding interior as well as exterior, in construction, truck, busses, trailers, auto, sanitary and industrial sector.
- No shrinking, paintable with water-based paints and synthetic paint systems.
- No staining or bleeding on natural stone, concrete or other porous materials, untreated wood, no edge contamination.
- Fast curing and fast strenght build up.
- Free of isocyanates, solvents and silicones.
- Good resistance to UV light, weather, (sea) water, moister, ageing, fungus.
- Very good adhesion on almost every surface (even moist) in the most situations without using a primer (test first porous surface).
- Wet on wet applicable (repair with the same material).
- Stabile and fast curing regardless of temperature and humidity together with Multi Speed Primer.

## FIELD OF APPLICATION

- Multipurpose bonding and joint sealant for connecting joints, cracks, wholes, etc. in the constructive sector.
- Suitable for sealing and bonding installations food production areas.
- Joints in wooden ship deck.
- Structural adhesion in vibrating structures, such as in the construction in façades, transport equipment or coachwork. Superb absorption of mechanical and acoustic vibrations.
- Metal sealant and adhesive for construction of roofs, façades, bodywork, trailers, ships, containers, air ducts.
- Universal waterproof construction adhesive for bonding of stone (nonporous), concrete, mirrors, natural stone, gypsum board, polycarbonates, PS, PU, PVC and several plastics, ceramic tiles, email, copper, led, zinc, aluminium, stainless steel, wood, glass, etc.

## USER INSTRUCTIONS

Apply on dry and clean, free of loose particles. Discolouration may occur under certain circumstances eg chemicals. Not suitable for continuous water loads or dilation joints. Not suitable for PC, PP, PE, PTFE, PMMA, neoprene, soft plastic, or bituminous surfaces. We recommend testing the adhesion and the material and the paint compatibility in advance.



S-BOND HYBRID – SBH – 170 -172

Art.no. 15441 - 15443

Signature: JH

Date: 2023-08-03

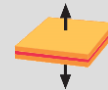
This product information is property of VEIDEC AB and is not to be forwarded to third persons without our agreement. The product information has been made out according to our experiences; the corresponding distributing company has to point out probable characteristics as to the use of the product as 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 HYBRID

## TECHNICAL DETAILS

<b>Colour:</b>	White 290 ml (RAL 9003): Art.no. 15441 Grey 290 ml (RAL 7040): Art.no. 15442 Black 290 ml (RAL 9005): Art.no. 15443
<b>NB:</b> The colours are not produced exactly to a RAL color.	
<b>Packaging:</b>	PE cartridges of 290 ml.
<b>Accessories:</b>	Alu Gun: Art.no. 15264 Nozzle cartridge: Art.no. 15478 V-nozzle cartridge: Art.no. 15472-1 Twister: Art.no. 15470
<b>Odour:</b>	None.
<b>Full curing time (23°C/55%RH):</b>	2 mm/24 h, (skinning time 8-15 min.)
<b>Density (ISO 1183-1):</b>	1,57 g/ml
<b>VOC (directive 2010/75/EU):</b>	0 %
<b>Elastic recovery:</b>	>60%
<b>Maximum movement capacity:</b>	20%
<b>Shrinkage:</b>	+/- 1%
<b>Shelf life (temp.) months (+5°C to +25 °C):</b>	18 months.
<b>Elongation at break (DIN 53504):</b>	250%
<b>Shear strength:</b>	1,90 N/mm <sup>2</sup>
<b>Tensile strength (DIN 53504):</b>	2,20 N/mm <sup>2</sup>
<b>Hardness (Shore A – din 53505):</b>	50
<b>Temperature resist:</b>	-40°C to +100°C, intermit. 120°C.
<b>Application &amp; Surface temperature:</b>	+5°C to +40°C
<b>Certificate/Registration:</b>	GREEN WORLD, ISEGA FOOD APPROVAL, CE, Sunda Hus B, VOC emission class A+, BASTA, Byggarubedömningen accepted, Svanens byggportal, Byggarudeklaration available.
<b>CE Marking (EN 15651)</b>	EN 15651-1 Façade INT – 20HM
<b>Others:</b>	In compliance with the legal regulations, please see current Material Safety Data Sheet. <a href="https://veidec.com/en/msds">https://veidec.com/en/msds</a>
<b>User Instruction:</b>	Scan the QR-code for MSDS, video and other information.

### SYMBOLS



Tensile strength:  
2,20 N/mm<sup>2</sup>



Shear strength:  
1,90 N/mm<sup>2</sup>

### CERTIFICATES/REGISTRATIONS



GREEN WORLD; Has low impact on user and the environment.



EN 15651-1 Façade INT – 20HM



Sunda Hus, Assessment B



S-Bond Hybrid is registered by BASTA.



Accepted



ISEGA approval for use in the food industry



VOC emission class A+.

Meets the criteria for chemicals that may be used in construction of Svanen approved buildings and is listed in Svanen's building products portal.



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