

S-BOND

DESCRIPTION

S-Bond is a high-quality, multi-purpose, one-component universal sealant and construction/installation adhesive. Is odorless, neutral and free of isocyanates. Cures with atmospheric moisture. NSF-registered for use as a sealant (S2) in and around food processing areas.

PROPERTIES

- Paintable with water-based paints (alkyd resin-based paints may slowdown in drying, please test first).
- Fast curing with no shrinkage
- Very good adhesion on most surfaces (even moist) and in most situations, without using a primer (test first with porous surface)
- Durable elasticity and high modulus
- No fouling, suitable for natural stone
- Non-corrosive to metals
- Free from isocyanates, solvents and silicones
- Good resistance to UV radiation, weather, (sea) water
- Sanitary formulation, the dense structure provides a natural resistance to fungal and mould
- Wet on wet applicable (repair with the same material)
- Included in the Green World product series

FIELD OF APPLICATION

- For sealing and bonding, both interior and exterior, in building and industrial sectors. Sanitary, façade, pedestrian, walkways etc.
- Multipurpose fill and joint sealant for connecting joints, cracks, hole
- Sealing and bonding in food areas
- Joints in ship decks (wooden)
- For coachwork and metal surfaces, for bonding metal to metal (can absorb vibrations)
- Universal waterproof construction adhesive for bonding of stone (nonporous), concrete, mirrors, natural stone, gypsum board, PS, PU, PVC and several plastics, ceramic tiles, enamels, copper, led, zinc, aluminium, steel, stainless steel, wood, glass, etc.
- Compatible in direct contact with the silver coating on mirrors and PVB foil of laminated glass.

USER INSTRUCTIONS

- Apply on clean and grease-free surfaces, free of loose particles.
- Due to the large diversity of surfaces, testing is advisable.
- Not suitable for PE, PP, PC, PMMA, PTFE, neoprene and bituminous substrates.
- Not intended for vertical movement joints.
- Not recommended for expansion joints or continuous water loads.
- Slight discoloration/yellowing for S-Bond white and beige can occur in certain circumstances and in contact with chemicals.



S-BOND – SBD – 173, 174, 175,
178, 179, 180, 181

Art.no. 15446, 15460, 15461, 15462, 15464,
15467, 15468, 15461-600, 15462-600

Signature: JH

Date: 2024-12-17

This document is the 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 must 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

TECHNICAL DETAILS

Packaging:	PE cartridge 290 ml Sausage 600 ml (black & white).
Color / (RAL):	Grey (7040): Art.no. 15460 White (9003): Art.no. 15461; 15461-600 Black (9005): Art.no. 15462; 15462-600 Beige (1013/1015): Art.no. 15464 Pure White (9010): Art.no. 15446 Army green (6015): Art.no. 15468 Brun Terre de France: Art.no. 15467
NB: The colors are not produced exactly to a RAL color	
Odor:	None
Basis:	MS-Polymer
Curing system:	Moisture curing
Full curing time (23°C/55%RH):	2-3 mm/24 h (skinning time 10 min)
Fixture time:	Depends on thickness of material
Elastic recovery:	≥60%
Maximum movement capacity:	25%
Shrinkage:	≤1%
Elongation at break (DIN 53504):	300%
Shear strength:	1,40 N/mm ²
Tensile strength (DIN 53504):	2,20 N/mm ²
E-module at 100% (DIN 53504):	1,35 N/mm ²
Hardness (Shore A – ISO 868):	60
Application & Surface temperature:	+5°C to +40°C
Temperature resist:	-40°C to +100°C, intermit. 120°C.
Density (ISO 1183-1):	1,53 g/cm ³
VOC (directive 2010/75 EG):	0 % (0 g/l)
Shelf life (temp.+5°C to +25 °C):	18 months
NATO STOCK NUMBER (NSN):	Black: 8040-17-123-3478 White: 8040-17-123-3479 Army Green: 8030-64-000-3949
Accessories:	Nozzle cartridge: Art.no. 15478 V-nozzle cartridge: Art.no. 15472-1 Nozzle sausage: Art.no. 15453 V-nozzle sausage: Art.no. 15452 Twister: Art.no. 15470 Alu Gun: Art.no. 15264
Miscellaneous:	In compliance with the legal regulations, please see current Material Safety Data Sheet. https://veidec.com/en/msds
User instructions:	Scan the QR-code for MSDS, video and other information.

VEIDEC FEATURES



GREEN WORLD VEIDEC's product series with focus on the environment and health as well as quality

CERTIFICATES & REGISTRATIONS



Registered at NSF, products meeting the criteria for use in or around food-processing areas: category S2
[VEIDEC NSF listing](#)



EN 15651-1: F-EXT-INT-CC 20 HM
EN 15651-3: XS3
EN 15651-4: EXT-INT-CC 20HM



Evaluated by Sunda Hus: Assessment B



Registered at BASTA: BASTA



VOC emission class A+.

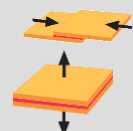


Evaluated by Byggarubedömningen, Accepted.



Listed at Nordic Ecolabeling Portal, accepted for use in construction of Svanen approved buildings.

TECHNICAL FEATURES



Shear strength:
1,40 N/mm²

Tensile strength:
2,20 N/mm²



S-BOND – SBD – 173, 174, 175, 178, 179, 180, 181

Art.no. 15446, 15460, 15461, 15462, 15464, 15467, 15468, 15461-600, 15462-600

Signature: JH

Date: 2024-12-17

This document is the 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 must 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

Chemical resistance guide

		Exposure time	1h	2h	3h	24h	2h
Hardnes, Shore A before test: 42	CAS no.	Total exposure time	1h	3h	6h	30h	32h
Hydrochloric acid 10%	7647-01-0	Directly after cleaning	39	37	36	33	33
		24h after cleaning	37	37	37	38	36
Nitric acid 10%	7697-37-2	Directly after cleaning	39	34	33	30	30
		24h after cleaning	37	36	35	32	33
Sulphuric acid 10%	7664-93-9	Directly after cleaning	44	38	39	27	28
		24h after cleaning	41	39	39	28	30
Phosphoric acid 10%	7664-38-2	Directly after cleaning	40	38	38	36	36
		24h after cleaning	40	39	40	39	41
Acetic acid 10%	64-19-7	Directly after cleaning	39	33	31	26	26
		24h after cleaning	41	42	42	30	31
Citric acid 10%	77-92-9	Directly after cleaning	38	37	37	42	39
		24h after cleaning	38	38	38	45	44
Lactic acid 10%	598-82-3	Directly after cleaning	41	37	36	38	31
		24h after cleaning	39	40	41	45	40
Hydrogen peroxide solution 30%	7722-84-1	Directly after cleaning	37	37	35	29	33
		24h after cleaning	40	41	40	36	35
Ethanol 100%	64-17-5	Directly after cleaning	34	32	32	34	35
		24h after cleaning	38	37	38	42	42
Xylene (and isomers) 100%	1330-20-7 etc	Directly after cleaning	31	21	22	25	18
		24h after cleaning	35	33	34	37	39
Butanone 100%	78-93-3	Directly after cleaning	38	35	35	40	38
		24h after cleaning	39	38	40	44	45
White spirits 100%		Directly after cleaning	38	32	31	28	35
		24h after cleaning	38	37	37	43	45
Gasoline (lead-free) 100%		Directly after cleaning	32	26	27	25	23
		24h after cleaning	35	35	36	37	38
Diesel 100%		Directly after cleaning	36	32	29	25	23
		24h after cleaning	36	35	30	24	26
Sodium hydroxide 10%	1310-73-2	Directly after cleaning	40	37	37	38	36
		24h after cleaning	38	40	40	39	38
Sodium chlorite 10%	7647-14-5	Directly after cleaning	38	38	36	37	36
		24h after cleaning	37	38	39	37	38
Sodium hypochlorite solution 12%	7681-52-9	Directly after cleaning	36	36	34	33	35
		24h after cleaning	39	37	38	36	37
Distilled water 10%		Directly after cleaning	40	37	37	38	38
		24h after cleaning	37	38	35	39	38
Sugar solution saturated		Directly after cleaning	40	38	38	39	37
		24h after cleaning	40	38	37	39	39
Vegetable oil 100%		Directly after cleaning	39	36	35	35	38
		24h after cleaning	37	36	35	34	34

 S-BOND - SBD - 173, 174, 175,
178, 179, 180, 181

 Art.no. 15446, 15460, 15461, 15462, 15464,
15467, 15468, 15461-600, 15462-600

Signature: JH

Date: 2024-12-17

This document is the 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 must 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.