

SB-1 POWERSEAL

DESCRIPTION: Fast curing, low VOC, flexible urethane sealant. Conforms to Federal Spec TT-S-00230C, Type II, Class A, ASTM-C-920, type "S" Grade NS, Class 25 NT, M and A. Also conforms to USDA and FDA.

USES:

- | | |
|---|--|
| <p>Industries</p> <ul style="list-style-type: none"> • Construction • Architectural • HVAC • Manufacturing | <p>Substrates</p> <ul style="list-style-type: none"> • Metal • Concrete • Fiberglass • Plastics • Composites • Foam |
|---|--|

Not recommended for marble, granite or limestone.

APPLICATION: Interface and surfaces must be clean, dry and free of dust, dirt, oil, loose materials and water-proofing and release agents. Sandblast if needed. Always apply uniform bead and tool immediately after application to ensure full contact with both sides of the joint area. Avoid three-sided seals by using bond breaker tapes in shallow joints. The depth of the sealant should be 1/2 the width of the joint.

CLEANING: Wipe or clean away excess material immediately and clean tools prior to cure with 111 trichloroethane solvent or equivalent. See cautions on cleaner labels.

SPECIFICATIONS:

VOC	41 g/l	4.73% by weight
Cure Time	14 Hours	Using 1/8" Bead
Tack-free Time	40 Minutes	ASTM-C679 Test Method
Tensile Strength	360 PSI	ASTM-D412 Test Method
Tear Strength	Over 300 PLI	ASTM-D624 Test Method
Ultimate Elongation	350	ASTM-D412 Test Method
Elongation	800% fully cured	ASTM-D412 Test Method
Staining	Passes	TT-S-00230C Test Method
Weight Loss	Passes	TT-S-00230C Test Method
Type II, Class A	Passes	TT-S-00230C Test Method
Hardness, Shore A	50 ±5	TT-S-00230C Test Method
Service Temperature, Cured	-40 to 190° F	TT-S-00230C Test Method
Durability, Bond, Cohesion	Passes at ±25% Movement	TT-S-00230C Test Method

All values are typical at 75° F, 50% R.H. unless otherwise noted.
Federal Specifications TT-S-00230C used when applicable.

FEATURES:

- High strength
- Flexible
- Excellent memory
- One part
- Weather resistant
- Fast cure

BENEFITS:

- Durable bond to substrate
- Allows for movement of dissimilar materials
- Does not become brittle or crack
- Easy application
- Long service life
- Expedited production

SHELF LIFE: 6 months.

STORAGE: Unopened containers should be stored in a cool, dry area. Keep above 40° F before use.

CAUTION: For industrial use only. Skin and eye irritant. Harmful if swallowed. Avoid contact with or breathing in of vapor and use adequate ventilation. Material on skin should be wiped and washed off with soap and water. For eyes, flush with water and seek medical attention.

SEE MATERIAL SAFETY DATA SHEET.

PACKAGING: 10.3 oz. cartridge, 20 oz. sausage.

COLOR: Gray.