

Seal Bond[®] Construction Solutions

Seal Bond[®] 406 Clear

Tripolymer Sealant

Product Description

SB 406 is a high-performance, multipurpose thermoplastic elastomer based roofing sealant. SB 406 is a one-part, tripolymer sealant that cures to a strong, rubber that maintains long-term durability and flexibility. SB 406 Tripolymer sealant is a non-s slump sealant and can be applied to vertical or overhead surfaces without flowing or sagging. Because SB 406 is a solvented sealant, it has excellent adhesion to a wide variety of substrates including: metal, TPO, asphalt shingles, Hypalon, vinyl, fiber cement, wood, concrete, tile, masonry, glass and Kynar[®] PVDF.

Typical uses include residential roofing and construction applications such as seam sealing, flashing and penetrations.

Product Information: Features

- Non-Corrosive
- Resists Extreme Temperatures & Chemicals
- Advanced Adhesion Properties
- One-Component, Easy to Use Formula
- 25% Joint Movement Capability
- Mold & Mildew Resistant
- Resistant to UV Degradation and Weathering

Additional Features

- Non-s slump, can use on overhead & vertical applications
- Excellent for outdoor applications
- Creates a waterproof seal

Standards & Compliance

- ASTM C920 Class 25, Type S, Grade NS, Use NT, I, M, G, A & O - except for weight loss
- TT-S-00230-C, Class A, Type II
- SCAQMD VOC Compliant (<300 grams/liter)
- Meets California environmental regulations
- Does not contain PFAS Solvents
- Does not contain HAP Solvents

Typical Properties

Please contact your Seal Bond Sales Representative before writing specifications around this product. Product properties are as follows:

Property	Typical Value	Units	Test Method
VOC's	324	g/L	EPA 24
Viscosity	1,300,000	cps	ASTM D2196
Skin Formation	30 minutes (70°F, 50% RH)	min.	ASTM C679
Density	9.2 lbs	lbs/gal	ASTM D1147
Hardness	22	Shore A	ASTM C661
Tensile	400	psi	ASTM D2370
Elongation at Break	925	%	ASTM D412
Peel Strength Aluminum Mortar Wood Kynar [®] PVDF	12 20 15 17	pli	ASTM C794
Application Temperature	0°F to 120°F		
Gun Grade	Non-s slump/PASS		
Flash Point	92°F		ASTM D56
Service Temperature	-50°F to 400°F		
Typical Cure Rate	14	days	

SB 406 typical values represent data from multiple batches. Values will be refreshed, as necessary, upon data collection from additional campaigns and long-term variability discernment.

Seal Bond[®] 406

Common Building Substrates

Seal Bond 404 can be used on a variety of substrates. Please inquire or test your substrates before use. Substrates may vary with manufacturer. We have listed some common substrates:

- Glass
- Concrete, brick, mortar
- Elvaloy/PVC
- Most metals
- Most types of wood
- Most fiberglass
- Aluminum
- Ceramics

• *Can be used on additional substrates not listed. Seal Bond recommends testing to determine fitness for use.*

Directions

SB 406 is ready to use and requires no mixing or additives. Tooling, if necessary, should be done before skinning takes place. In applications where partial or total confinement of sealant is prevalent, the time required for proper cure is generally lengthened by the degree of confinement. Higher temperature and higher humidity will accelerate skin & cure time. Cold temperatures and low humidity will slow down skin & cure time.

Clean Up

Clean tools with an appropriate solvent such as alcohol. Take necessary precautions when handling combustible materials.

Testing

Test per application requirement. Allow 21 days for maximum strength to develop before testing adhesion or strength.

Packaging

SB 406 is available in 10.1oz Cartridges.

Caution/Safety

Please refer to the SDS for the corresponding product for information regarding safety and handling.

Limitations

Do not store at elevated temperatures. Use only on clean surfaces free of contaminants. Cold temperature and low humidity will slow curing.

Common Applications

SB 406 is an excellent sealant/adhesive for many residential construction applications such as:

- Seam sealant
- Siding sealant
- Flashing and penetrations
- Residential Roofing

• *Can be used for additional applications not listed. Seal Bond recommends testing to determine fitness for use.*

Surface Preparation

All surfaces should be dry and clean. Priming for SB 406 is not normally required. If a primer is required, please inquire with your Seal Bond sales representative. Unprimed adhesion can be easily tested by applying a small trial bead and allowing 7 days for maximum adhesion to occur.

Colors



Ultra Clear

Also available in Colors see SB 406 Technical Data Sheet for more information.

Storage

Keep from freezing. Keep out of direct sunlight. Do not heat or thin. Store between 40°F and 95°F. High temperatures and humidity during storage will shorten product shelf life.

Warranty

Seal Bond warrants that our products are manufactured to strict quality assurance specifications. For warranty information visit: www.seal-bond.com/terms

Precautionary Statements

Do not use until all instructions and safety precautions have been read and understood. Avoid breathing dust/fumes/gas/mist/vapors/spray. Use only outdoors or in a well ventilated area. Wear protective gloves, protective clothing, and eye protection. Wash face, hands and any exposed skin thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces - no smoking. Keep container tightly closed when not in use. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

IF ON SKIN: Remove/all contaminated clothing. Rinse with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Move victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse with water, remove contact lenses and continue rinsing. If exposed or concerned: get medical advice/attention. Refer to Safety Data Sheet (SDS) for further information.