



PREMIER SIPS
STRUCTURAL INSULATED PANELS

SEALANT



PRODUCT OVERVIEW

Premier SIPS industrial grade Sealant is a highly durable and flexible sealant for use in Premier SIPS joints.

- Compatible with Premier SIPS and R-Shield Nailbase
- Clean Air Gold Certified, no hazardous air pollutants (HAPS-Free) and Low VOC compliant
- Permanently flexible and will not harden or yellow
- Convenient sausages for less waste
- Guns easily, even at high or low temperatures
- Highly UV resistant and weather resistant - cures in the presence of moisture

INDUSTRIAL GRADE, HAPS-FREE SEALANT

Premier SIPS Sealant is a premium quality, clean air certified, extremely flexible, high movement sealant for use in Premier SIPS and R-Shield Nailbase construction.

TECHNICAL DATA

- Resistant to moisture, dampness, and temperature
- Up to 1200% elongation
- Unaffected by freeze-thaw cycles
- Intertek Gold Clean Air Certified (HAPS-free)
- No isocyanates
- Low VOC, less than 12-grams/liter
- USDA Compliant
- Meets or exceeds ASTM C920, Type S, Grade NW, Class 50 - as well as ASTM G26 for UV stability
- Weather resistant, Type II for extended water contact
- Low perm rating

- Accommodates joint movement and retains flexibility with age
- Pp to 1,200% elongation, 100% modulus 20 psi
- Viscosity 500,000 cps
- Tensile strength 125 psi
- Hardness Shore A 15
- High-Temperature resistance 300° F for brief periods; low-temperature flexibility -75° F.



APPLICATION INSTRUCTIONS

- To assure positive adhesion of the sealant to substrate surfaces, make certain surfaces are clean, dry, and free of dirt and foreign materials.
- Refer to SDS for thorough safety instructions.
- Remove cap and nozzle from applicator gun.
- Place sausage into the barrel of the gun and cut crimped end of sausage. Trim nozzle to a 3/8" opening. Replace nozzle and cap to applicator gun.

PREMIER SIPS

Apply in 3/8" diameter straight continuous beads to connections such as splines, top and bottom plates, and boundary terminations at ridges, gables, eaves, roof, and wall openings as shown in the Premier SIPS Resource Manual. Consult the Premier SIPS Resource Manual for proper location and application of Premier SIPS Sealant.

R-SHIELD NAILBASE

Apply in 1/2" diameter straight continuous bead to splines, joints, and boundary terminations at ridges, gables, eaves, roof, and wall openings as shown in the R-Shield Nailbase Construction Manuals. Consult the R-Shield Nailbase Roof and Wall Construction Manuals for proper application of Sealant.

COLD WEATHER

For best performance in cool or cold weather, store Premier SIPS Sealant at room temperature for at least 24 hours before using.

SAFETY

Refer to Premier SIPS Sealant SDS for complete safety information.

CLEAN-UP

Dispose of spent sausages properly. Immediately after use, clean equipment with the appropriate solvent. Use proper precautions when handling solvents. Use solvents in a well ventilated area. Dispose of solvent and cleaning rags in a proper manner. Remove cured sealant by cutting with a sharp-edged tool. Remove thin films by abrading.

COVERAGE RATE

- SIPS: 3/8" bead from 20 oz. sausage = 27 lineal feet
- Nailbase: 1/2" bead from 20 oz. sausage = 15 lineal feet.

It's recommended that an electric, or air powered sealant gun sealant gun be used in order to dispense a properly formed bead size.

SHELF LIFE

Shelf life is 18 months when stored at temperatures not exceeding 80°F.

STORAGE

Store in original, unopened containers in a cool, dry area. Protect unopened containers from heat and direct sunlight. Storing at elevated temperatures will reduce shelf life. View the Premier SIPS sealant instructional video on www.premiersips.com prior to starting sealant installation.

ACCESSORY AVAILABILITY

Your nearest Premier SIPS or R-Shield Nailbase representative will be happy to collaborate with you to determine the best way to incorporate for Premier SIPS Sealant into your complete material package. For additional information, contact your regional representative at www.premiersips.com.



Website: premierips.com Toll Free: 800-275-7086

