



TRP-1 ULTRA SEAL ADVANCED MS POLYMER SEALANT ADHESIVE

TRP-1 ULTRA SEAL is a silyl-modified polyether high-performance, multi-purpose, low VOC, single-component construction adhesive/sealant designed for bonding and sealing a wide range of porous and non-porous construction materials. NOT INTENDED FOR USE ON TPO. TRP-1 forms a superior waterproof seal to most roofing materials including metal flashings, copings and skylights. Excellent un-primed adhesion. Can be applied from 0° - 140° F to damp or dry surfaces. Odor free, paintable with water-based paints one hour after application. Will not crack, shrink or peel. Non-yellowing formula. Easy to gun and tool for quick application.

PREPARATION*: Surfaces must be structurally clean, dry (no frost) and structurally sound, free of contaminants, including, but not limited to, dust, dirt, loose particles, tar, asphalt, rust, mill oil, etc. If substrate is painted or coated, scrape away all loose and weakly bonded paint or coating. Any paint or coating that cannot be removed must be tested to verify adhesion of the sealant or to determine the appropriate surface preparation if needed.

APPLICATION: Remove all dirt, oil, loose paint, frost and other contamination from all working surfaces with alcohol DO NOT USE petroleum solvents such as mineral spirits or xylene. Maintain TRP-1 at room temperature before applying to ensure easy gunning and tooling. Test and evaluate to ensure adequate adhesion. Carefully gun the sealant with a smooth, continuous bead. If tooling is needed, do so within fifteen minutes of application. TRP recommends that coated substrates be tested for adhesion prior to starting a project. Please contact Technical Services for specific application guidelines and recommendations.

Do not apply over damp, contaminated, loose surfaces, old sealants or other foreign substances that may impair the adhesion bond. Avoid air entrapment. Dampness and substrates with high moisture will trigger extensive curing of the sealant within a very short period of time. Porous substrates such as, but not limited to, marble, limestone and granite might absorb components of the TRP-1 leading to staining of the substrate. ASP with sufficient aging is mandatory to assess this potential issue. Compatibility to copper-based substrates (i.e. flashing) can vary due to, but not limited to, age and joint size. Please consult technical services for details.

The ultimate performance of TRP-1 depends on proper joint design and proper application with joint surfaces properly prepared

SPECIFICATIONS: Meets or exceeds the requirements of ASTM C920 Type S, Grade NS, Class 25 and TT-S-0023OC.

PACKAGING: TRP-1 ULTRA SEAL is available in 9.5 fl oz. plastic cartridges with detachable 4" nozzle.

COLORS: White or Gray

STORAGE: Product shelf life is 12 months for unopened cartridges stored between 40°F to 80°F. Shelf life of TRP-1 must be checked prior to using the product; do not use past its shelf life. Caulk past its shelf life may not perform or adhere as described by this data sheet. High temperature and high relative humidity may reduce significantly the shelf life of polyurethane sealants.

CLEANUP: Clean tools with mineral spirits or paint thinner. After dry-wiping uncured sealant from substrates and tools, remaining uncured sealant can be removed by using Xylene, Toluene or similar aromatic solvents. Please refer to the SDS provided for these solvents before use. Cured sealant is usually very difficult to remove without altering or damaging the surface to which the sealant has been misapplied. Cured sealant can be removed by abrasion or other mechanical means (scrapers, putty knives).

CAUTION! Do not take internally. Avoid contact with eyes and prolonged skin contact. If irritation persists, seek medical advice. Wash hands with soap and water after using. Contents releases methanol during cure.

WARRANTY: Tropical Roofing Products warrants TRP-1 MS Polymer Sealant Adhesive to conform to Tropical Roofing Products published specifications. The user shall determine the suitability of the product to their particular application. THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING THOSE OF THE MERCHANTABILITY OR FITNESS FOR ANY PURPOSE NOT EXPRESSLY SET FORTH HEREIN. Manufacturer's and seller's liability for damage hereunder shall not exceed the purchase value of the goods used. IN NO EVENT SHALL MANUFACTURER OR SELLER BE RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OF THIS PRODUCT BY BUYER, BUYER'S USER, OR ANY OTHER PERSON. Notification of claim must be sent in writing to Tropical Roofing Products, Inc. The notice should contain a statement as to how the product failed to meet our warranty, the proof of purchase and the amount of refund claimed.

*Substrate chemistries and structures can interfere with adhesive performances of the sealant. Adhesion Test is therefore MANDATORY to assess any adhesion and sealing characteristics This must be done pre-installation to avoid potential failures. Call Technical Service for more information about surface preparation and possible priming.

APPLICATION TEMPERATURE: 0°F to 140°F
SHRINKAGE: 0%
SKINNING TIME: 15 MINUTES
CURE TIME: 24/48 HOURS
HARDNESS SHORE A: 40
TEMP. RESISTANCE AFTER CURE: -75° - 350°F
PAINTABILITY: ACRYLIC OR LATEX PAINTS SHELF LIFE: 12 MONTHS
STORAGE TEMP: 40° - 80°F

- **LOW VOC FORMULA**
- **WATERPROOF**
- **APPLY TO DRY, DAMP OR WET SURFACES**
- **NO ODOR**
- **DOES NOT SHRINK, CRACK, PEEL**
- **PAINTABLE WITH LATEX BASED PAINTS**
- **QUICK CURE**
- **NO WATER WASHOUT**

KEEP OUT OF REACH OF CHILDREN.



FLORIDA
1904 SW 31ST AVE
HALLANDALE, FL 33009
800.432.2855

CALIFORNIA
14435 MACAW STREET
LA MIRADA, CA 90638
877.827.2622

TEXAS
1225 BRAI DRIVE
PORT ARTHUR, TX 77640
866.727.0091

PACIFIC NORTHWEST
14325 NE AIRPORT WAY
PORTLAND, OR 97230
844-854-9323