



TRP-1 ULTRASEAL

APPLICATION METHODS



Application rates will vary by surface, porosity, and job conditions. Please consult Tropical Roofing Products for total dry film thickness requirements.

AVAILABLE SIZES

9½ Ounce Plastic Tube
[24 tubes/carton]

AVAILABLE STANDARD COLORS



White



Light Gray



TRP-1 UltraSeal is a high-performance sealant delivering the strength and durability of Polyurethane with the elasticity and UV stability of Silicone. It seals roof details, laps, seams, coping caps, screw heads, fasteners, flashings, vents, ducts, gutters, and most areas where a sealant is needed. Used as an adhesive, **TRP-1** has a superior bond to most substrates, including porous and non-porous surfaces.





PRODUCT DESCRIPTION

TRP-1 UltraSeal 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.

FEATURES + BENEFITS

- Quick Moisture Cure
- Odorless
- Paintable within 1-hour
- Weather and Stain Resistant
- Delivers the Strength of a Polyurethane Sealant with the Elasticity and Stability of a Silicone
- Solvent and Isocyanate Free

PRODUCT LIMITATIONS

In areas where prolonged chemical exposure is anticipated, contact Technical Services for recommendations.

Allow treated wood to "cure" for six months prior to application per APA guidelines. Do not use in areas subject to continuous immersion. Do not store in elevated temperatures. Remove all coatings and sealers before application. Test and evaluate all paints before application. Polyurethane and oil based paints may dry slowly.

PHYSICAL PROPERTIES

Application Temp	0°F To 140°F
Shrinkage	0%
Skinning Time	15 Minutes
Cure Time	24-48 Hours
Hardness Shore A	40

PREPARATION

Surfaces and joints 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. 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 50 and TT-S-00230C.

KEEP OUT OF REACH OF CHILDREN. Close container after each use. DO NOT TAKE INTERNALLY!
If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY!

Temp Resistance After Cure	-75° - 350°F
Paintability	Acrylic & Silicone Systems
Life	12 Months
Storage Temp	40° - 80°F

COVERAGE

Apply at the rate of approximately 4-12 gallons per 100 square feet per coat as a topical protective coating and 6-8 gallons total for restoration systems.

STORAGE

Cartridges have a twelve month shelf life from date of manufacture when stored at 70°F / 21°C with 50% relative humidity. High temperature and high relative humidity may significantly reduce shelf life. 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.

PRECAUTIONS

Do not take internally. Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes immediately flush with water. Call a physician. Please refer to the SDS for first aid information. See www.tropicalroofingproducts.com for most current SDS.

CLEANUP

Wet sealant can be removed using a solvent such as alcohol. Cured **TRP-1** can be removed by abrading or scraping the substrate.



To the best of our knowledge, all technical data contained herein is true and accurate as of the date of the issuance and subject to change without prior notice. User must contact TROPICAL ROOFING PRODUCTS (TRP) to verify correctness before specifying or ordering. We guarantee our product to conform to the quality control standards established by TRP. We assume no responsibility for coverage, performance or injuries resulting from use. Liability if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY TRP EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.