



# 654 POURABLE PENETRATION SEALANT

## 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

½ Gallon Pouch  
[4 pouches/carton]  
[48 cartons/pallet]

## AVAILABLE STANDARD COLORS



Light Gray



**#654 Pourable Penetration Sealant** is a moisture curing, pourable sealant designed for use in pitch pans and penetration seals. **#654** is suitable for application in damp, dry, or cold climates. **#654** is solvent free, contains no isocyanates and will not shrink upon curing. **#654** has resilient “elastomeric” properties and excellent adhesion to most construction materials. **#654** can be used effectively in many difficult construction site conditions and cures in wet or dry climate conditions and at low temperatures (32°F/0°C). **#654's** low durometer accommodates greater movement in penetration seals than typical urethane sealants.





### PRODUCT DESCRIPTION

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### FEATURES + BENEFITS

- Solvent Free, 100% Solids Will Not Shrink
- 20-minute Skin Over Time
- Self-leveling, No Special Tools or Mixing Required
- No Outgassing on Damp Surfaces
- Paintable within 24-hours
- Application at Temperatures Below 40°

### SPECIFICATIONS, APPROVALS + COMPLIANCE

Conforms to OTC Rule for sealants and caulks. Meets requirements of California Regs: CARB, BAAQMD and SCAQMD. This product does not contain cancer causing chemicals listed in California Proposition 65. Conforms to USDA Requirements for non-food contact.

### GREEN STANDARDS

LEED 2.2 for New Construction and Major Renovations: Low Emitting Materials (Section 4.1) 1 Point

NAHB Model Green Home Building Guidelines: 5 Global Impact Points

VOC Content: less than 19 grams / liter ASTM D2369 EPA Method 24 (tested at 240°F / 115°C)



### APPLICATION

Remove all previously applied caulk, mastic, cement, asphalt and other contaminants from penetrations with a wire brush. Brush away all gravel or loose granules. Seal the base of each penetration with **TRP-1**. Coat penetrations with **TRP-1** one inch above the top of the E-Curb. DO NOT USE AN ASPHALT PRIMER OR ROOF CEMENT. Cut tip off the tube at the widest point of nozzle and pierce the foil seal. Insert the cartridge into a quart caulking gun and pump the **#654 Pourable Penetration Sealant** full. If using a pouch, remove the cap from the pouch, pour into curb. If there is remaining sealant, squeeze out excess air and reseal. NOTE: It is recommended to fill the ENTIRE E-Curb with **#654** and maintain a one inch distance between the penetration and inside edge of the E-Curb to provide an adequate rubber seal.

### PREPARATION

Prior to coating, all surfaces must be clean and dry. It may be necessary to power wash and/or prime to enhance adhesion and or limit asphalt bleed through. Refer to the manufacturers specification for all preparation and guidelines. Service Temperature 0°F to 200°F (-17°C to 93°C).

### CURE TIME

**#654 Pourable Penetration Sealant** is a moisture cure sealant. Rate of cure is dependent on atmospheric conditions. Curing proceeds at a rate of 1/4” per week at 70°F (22°C) and 50% relative humidity. Lower temperature and humidity will inhibit the rate of cure. Higher temperature and humidity will accelerate rate of cure. Depths of more than 2” will cure through in 2 to 3 months. DO NOT install if rain is anticipated within 4 hours.

### PRECAUTIONS

Do not store in elevated temperatures. Please contact customer service for application guidelines with temperatures below 32°F (0°C). Do not use on TPO without TPO primer. Do not use on Hypalon membranes. Smooth APP membranes require a prior installation of a granulated target of APP modified bitumen around the penetration. Do not use in areas subject to continuous immersion. In areas where prolonged chemical exposure is anticipated, contact Technical Services for recommendations 800-535-6947. Do not prime bonding surfaces with asphalt primer. Test and evaluate all paints before application. Alkyd and oil based paints may dry slowly. Do not use asphalt cement as a “night sealant” around the base of the penetration. Use **TRP-1** for this purpose. DO NOT USE petroleum based solvents such as mineral spirits or xylene for cleaning purposes. Maintain **#654** at room temperature before applying to ensure easy gunning and leveling. Test and evaluate to ensure adequate adhesion. Dry all visible and standing water prior to applying **#654**.

### CLEAN UP

Wet adhesive can be removed using a solvent such as alcohol. Cured **#654 Pourable Penetration Sealant** can be removed by abrading or scraping the substrate.

### STORAGE

Store original, unopened containers in a cool, dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce shelf life. **#654** will not freeze.

### SHELF LIFE

Twelve months 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.

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

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.