



## PRODUCT DESCRIPTION

**TRP# 654** 1-Part Pourable Penetration Sealant is a moisture curing, pourable sealant designed for use in pitch pans and penetration seals. TRP-#654 1-Part is suitable for application in damp, dry, or cold climates. 1-Part is solvent free, contains no isocyanates and will not shrink upon curing. 1-Part has resilient “elastomeric” properties and excellent adhesion to most construction materials. 1-Part 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). 1-Part’s low durometer accommodates greater movement in penetration seals than typical urethane sealants.

## 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)

## 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)

## COMPATIBLE SUBSTRATES

APP with gran. target	PVC/PIB
Single Ply Membranes	Asphalt
TPO with TPO Primer	SBS Mod Bit/ BUR

## CLEAN UP

Wet adhesive can be removed using a solvent such as alcohol. Cured 1-Part 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. 1-Part will not freeze.

## ADVANTAGES

- Solvent free, 100% solids will not shrink
- 20 minute skin over
- No outgassing on damp surfaces
- Good UV stability, will not suntan
- Paintable within 24 hours (See Limitations)
- Self leveling, no special tools or mixing required
- Application at temperatures as low as 32°F (0°C)
- Extended warranties available

## CURE TIME

TRP-654 1-Part Penetration Sealant is a moisture cure sealant. Rate of cure is dependent on atmospheric conditions. Curing proceeds at a rate of 1/4” a 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.

## 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.

## LIMITATIONS

Do not store in elevated temperatures. Please contact customer service for application guidelines with temperatures below 32°F (0°C). Do not install if rain is anticipated within 4 hours. 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 1-Part 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 1-Part.

## 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 1-part 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 1-Part and maintain a one inch distance between the penetration and inside edge of the E-Curb to provide an adequate rubber seal.

## PACKAGING

1/2 Gallon Pouch Gray,  
4 pouch/carton, 48 cartons/pallet

