



# ENVIRO-GRIP™ PUR#555

A Two Component, Low Odor, Liquid Applied, Intercoat Primer for Polyurethane and Polyurea Coatings for Indoor or Outdoor and Light Duty or Heavy-traffic Areas

### 1.01 DESCRIPTION

Enviro-Grip™ PUR#555 is a two component, low odor, liquid applied, intercoat primer for polyurethane and polyurea coatings. This primer provides good inter-coat adhesion. Enviro-Grip™ PUR#555 is recommended for indoor or outdoor and light duty or heavy-traffic areas. Be sure to use the right product grade that complies with VOC regulations as per federal, state, statutory bodies, county and city regulations/codes at the place of installation of product.

### 1.02 FEATURES

- Two component
- Fast curing
- High solids
- For use in SCAQMD areas

### 1.03 TYPICAL USES

- Polyurethane elastomeric surfaces only
- Pedestrian decks only

### 1.04 COLOR

Side-A :amber: Side-B: clear

### 1.05 PACKAGING

2-gallon kit: 1 gallon (3.78 liters) can of Side-A blue liquid and 1 gallon (3.78 liters) can of Side-B yellow liquid  
10-gallon kit: 1 5-gallon (18.9 liters) pail of Side-A blue liquid and 1 5-gallon (18.9 liters) pail of Side-B yellow liquid

### 1.06 SURFACE PREPARATION

Refer to General and Safety Guidelines for complete information. Concrete surfaces require a medium sandpaper finish equal to or greater than an ICRI CSP #3. Surface preparation may be completed by shotblasting or the use of Poly-Tuff Profile and etch cleaner. Peel and adhesion tests are recommended.

Install a 100-200 sqft (9.30-18.58 sqm) mock up of the system to be installed and approved for aesthetics, color, texture, actual coverage rates and functionality before proceeding.

### 1.07 MIXING

The volume mixing ratio is 1 part Side-A black amber to 1 part Side-B clear liquid (Side-A:Side-B = 1:1).

Enviro-Grip™ PUR#555 Side-A and Side-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. The combined components should be thoroughly mixed using a mechanical mixer at slow speed or for at least 5 minutes if by hand.

## TECHNICAL DATA

(Based on draw down films).

Coverage Rate	1 gallon/300 sqft or 300 sqft/gallon	0.14 L/m <sup>2</sup>
75°F (24°C) @ 50% RH		30-60 minutes dry film
Dry Film Thickness per Coat		5 ± 1 mils 127 ± 25 microns
Specific Gravity	Part A: 1.22±0.1 Part B: 0.98±0.1	
Total Solids by Weight, ASTM D-2369		97.8 ± 2%
Total Solids by Volume, ASTM D-2697		98.8% ± 2%
Viscosity, at 75°F (24°C)		500 ± 100 cps
Volatile Organic Compounds, ASTM D-2369-81 (excluding exempt solvent)		.21 lbs/gal 25 gm/liter

## APPLICATION

### 2.01 APPLICATION BASICS

Enviro-Grip™ PUR#555 should be applied at the rate of 1 gallon/300 sqft or 300 sqft/gallon(0.14 liters/m<sup>2</sup>). Coverage rate will depend on surface roughness and porosity. It can be applied using an airless sprayer, brush, or phenolic-resin-core roller.

- Allow Enviro-Grip™ PUR#555 to become thumbprint-tack free before applying the coating. Approximate tack free time is 1-2 hours at 75°F (24°C) and 50% relative humidity.
- Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F (3°C) above dew point. Enviro-Grip™ PUR#555 is very sensitive to heat and moisture. High temperatures and/or high humidity will significantly

accelerate the cure time. Low temperature and/or low humidity extend the cure time.

## 2.02 EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally-safe solvent, as permitted under local regulations, immediately after use.

## 2.03 STORAGE

Enviro-Grip™ PUR#555 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60°F to 95°F (15°C to 35°C).

## 2.04 LIMITATIONS

- Enviro-Grip™ PUR#555 should be coated within 12 hours after it has become tack free.
- Not UV stable.
- Surfaces must be dry, clean, and free of foreign matter.
- Containers that have been opened must be used as soon as possible.
- Enviro-Grip™ PUR#555 is difficult to clean up after it has cured. Do not dilute under any circumstance.

**WARNING: This product contains isocyanates and solvent.**

**ENVIRO-GRIP™ PRIMER SELECTION CHART** N/R = Not Recommended

FEATURES & USES	EP #1	EP #2	PUR #555	EP-WB	EP #121	EP 404FC
Low Odor	YES	NO	YES	YES	YES	YES
Solvent Free	YES	NO	YES	YES	YES	YES
Low Viscosity	YES	NO	YES	YES	YES	YES
Fast Curing	NO	NO	YES	YES	YES	YES
Meets SCAQMD	YES	(SC) YES	YES	YES	YES	YES
Pedestrian & Vehicular Traffic	YES	YES	YES	YES	YES	YES
Recoat Window (Hours)	12	16	6	12	4	12
<b>SUBSTRATE ADHESION</b>						
Concrete & Masonry	YES	YES	YES	YES	YES	YES
Asphaltic Concrete	TEST	N/R	N/R	TEST	TEST	TEST
Glass Reinforced Plastic	TEST	TEST	TEST	TEST	TEST	TEST
Plywood	YES	YES	N/R	N/R	YES	YES
Abraded Metals	YES	YES	YES	YES	YES	YES
Bonderized Metal	YES	YES	YES	YES	YES	YES

Please read all information in the General & Safety Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. PSI Products are for "Professional Use Only" and preferably applied by professionals who have prior experience with the PSI Products or have undergone training in application of PSI Products. Published technical data and instructions are subject to change without notice. Contact your local PSI representative or visit our website for current technical data, instructions, and project specific recommendations.

### LIMITED WARRANTY

PSI warrants its products to be free of manufacturing defects and that they will meet PSI current published physical properties. PSI warrants that its products, when properly installed by a state licensed waterproofing contractor according to PSI guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of 12 months. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by PSI of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. PSI shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PSI shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. PSI reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

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