



# ENVIRO-GRIP™ EBF-LV

A Two Component, Liquid Applied, Epoxy-Polyamine Filler Surfacer  
For Sealing Pores in Concrete

## 1.01 DESCRIPTION

Enviro-Grip™ EBF-LV is a two component, high solids, liquid applied, epoxy-polyamine filler surfacer with the unique characteristic of sealing pores in concrete. Please use the correct product grade that complies with VOC regulations as per federal, state, county and city regulations/codes at the place of installation of product.

## 1.02 FEATURES

- Low Odor
- Seals Bug Holes
- High Solids
- Excellent Adhesion
- Reduce Porosity In Substrate

## 1.03 TYPICAL USES

- Concrete
- Glass-Reinforced Plastics
- Polyurethane Elastomeric Surfaces

## 1.04 COLOR

Side-A: black, Side-B: white

## 1.05 PACKAGING

2-gallon kit: 1 gallon (3.78 liters) can of Side-A black liquid and 1 gallon (3.78 liters) can of Side-B white liquid

10-gallon kit: 5 gallon (18.9 liters) pail of Side-A black liquid and 5 gallon (18.9 liters) pail of Side-B white 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 approve for aesthetics, color, texture, actual coverage rates and functionality before proceeding.

## 1.07 MIXING

Enviro-Grip™ EBF-LV Side-A and Side-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. Enviro-Grip™ EBF-LV must always be mixed with one part Side-A and one part Side-B (1A:1B). The combined components should be thoroughly mixed using a mechanical mixer at slow speed or for at least 5 minutes if mixed by hand.

## TECHNICAL DATA (Based on draw down films)

Theoretical Coverage Rate: 1 gallon/200 sqft or 200 sqft/gallon (0.20 liters/sqm)	
Pot Life 75°F (24°C) @ 50% RH	30-45 minutes
Hardness, ASTM D-2240, Shore D	70 ± 5
Dry Film Thickness per Coat	5±1 mils (127±25 microns)
Specific Gravity	A-Side: 1.34 ± 0.1 B-Side: 1.96 ± 0.1
Viscosity, at 75°F (24°C) Side-A & B combined	300± 50 cps
Total Solids by Weight, ASTM D-2369	94.5 ± 2%
Total Solids by Volume, ASTM D-2697	91.4 ± 2%
Volatile Organic Compounds ASTM D-2369-81	0.46 lbs/gal (55 gm/liter)

## APPLICATION

### 2.01 APPLICATION BASICS

Enviro-Grip™ EBF-LV can be applied using an airless sprayer, brush, phenolic resin core roller or trowel. Average coverage rate is approximately 1 gallon/200 sqft or 200 sqft/gallon (0.2 liters/sqm). Coverage rates and cure times will vary depending on temperature, relative humidity, surface roughness and porosity, aggregate selection and embedment, and application technique. Coverage rates provided are optimal and are not guaranteed.

Allow Enviro-Grip™ EBF-LV to become thumbprint-tack free at the heaviest spot before applying the coating. Avoid puddling of primer at overlaps and low spots. Dry roll excess primer puddles and excess at overlaps while primer is wet before coating.

Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F (3°C) above the dew point.

Enviro-Grip™ EBF-LV is very sensitive to heat. Higher temperatures will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application. Low temperature will 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 SHELF LIFE AND STORAGE

Enviro-Grip™ EBF-LV has a shelf life of 12 months from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

## 2.04 LIMITATIONS

- 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™ EBF-LV is difficult to clean up after it has cured.
- Do not dilute Enviro-Grip™ EBF-LV.
- Mix no more material than can be used within 20 minutes.

**Warning: This product contains epoxy resin and curatives.**

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 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 and chemical properties. 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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