

Product Description

Polyprime® EBF-LV is a two component, high solids, liquid applied, epoxy-polyamine filler surfacer with unique characteristics of sealing pores in concrete.

Features

- Excellent Adhesion
- High Solids
- Low Odor
- Solvent Free

Typical Uses

- Concrete
- Polyurethane Elastomeric Surfaces
- Steel

Packaging

2-Gallon Kit	One 1 gallon (3.78 liters) can of Side-A and One 1 gallon (3.78 liters) can of Side-B
10-Gallon Kit	One 5 gallon (18.9 liters) pail of Side-A and One 5 gallon (18.9 liters) pail of Side-B

Color

Side-A: Black, Side-B: White

Coverage

The approximate coverage is 1 gallon/200sqft (0.20 l/sqm) or 200 sqft/gallon. Coverage rate will depend on surface roughness and porosity.

Surface Preparation

Remove all contaminant, oil and grease from substrate. Refer to General Guidelines for complete information.

Mixing

The volume mixing ratio is 1 part Side-A to 1 part Side-B (1A:1A). Do not mix in an up and down motion.

Polyprime® EBF-LV Side-A and Side-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. Polyprime® 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.

Technical Data (Based on Draw Down Film)

Coverage Rate 1 gal/200 sqft
0.20 l/sqm

Dry Film Thickness per Coat 7 ± 1 mils
48 ± 25 microns

Mixing Ratio 1A:1B

Pot Life at 75°F (24°C), 50% RH 30-45 min

Hardness, ASTM D2240 70 ± 5 Shore D

Specific Gravity, Side-A 1.34 ± 0.1
Side-B 1.96 ± 0.1

Total Solids by Weight, ASTM D2369 94.5 ± 2%

Total Solids by Volume, ASTM D2697 91.4 ± 2%

Viscosity at 75°F (24°C) 3000 ± 200 cps

Application

Polyprime® EBF-LV should be used on rough or porous concrete, or when outgassing is a concern. Polyprime® EBF-LV can be applied using a flat squeegee, phenolic resin core roller, trowel or airless spray.

Finishing

Allow Polyprime® EBF-LV to become tack free before applying the coating. Approximate tack free time is 3-5 hours at 75°F (24°C) and 50% relative humidity. If the primer has been allowed to remain tack free for more than 12 hours, it is necessary to solvent wipe surface with VOC-compliant solvent and re-prime the surface.

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

Polyprime® 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.

Cleanup

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

Storage

Polyprime® EBF-LV has a shelf life of 1 year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

Limitations

Not UV stable. Polyprime® EBF-LV should be coated within 12 hours after it has become tack free. Surfaces must be dry, clean and free of foreign matter. Containers that have been opened must be used as soon as possible. Polyprime® EBF-LV is difficult to clean up after it has cured. Do not dilute Polyprime® EBF-LV. Mix no more material than can be used within 20 minutes.

Warning

This product contains Epoxy Resin and Curatives.

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