



**POLYCOAT
PRODUCTS**
A Division of American Polymers Corp.

POLYPRIME EBF-LV

*High Solids
Epoxy-Polyamine Filler Surfacer
Technical Data Sheet*

DESCRIPTION

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

FEATURES

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

TYPICAL USES

- ❖ Concrete
- ❖ Polyurethane Elastomeric Surfaces

COLORS

Part-A: Black, Part-B: White

PACKAGING

2 gallon kit: One 1 gallon (3.78 liter) can of Part-A and One 1 gallon (3.78 liter) can of Part-B.

10 gallon kit: One 5 gallon (18.9 liter) pail of Part-A and One 5 gallon (18.9 liter) pail of Part-B.

MIXING

The volume mixing ratio is 1 part Part-A Black Liquid to 1 part Part-B White Liquid.

Polyprime EBF-LV Part-A and Part-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. Polyprime EBF-LV must always be mixed with one part Part-A and one part Part-B (Part-A: Part-B = 1:1). The combined components should be thoroughly mixed using a mechanical mixer at slow speed.

APPLICATION

Polyprime EBF-LV can be applied using a flat squeegee, phenolic resin core roller, trowel or airless spray.

COVERAGERATE

One gallon per 200 square feet in general. Coverage rate will depend on surface roughness and porosity.

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.

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.

EQUIPMENTCLEANUP

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

TECHNICAL DATA (Based on draw down film)

Coverage Rate	1 gal/200 sq. ft. 0.20 l/m ²
Pot Life at 75°F (24°C), 50% R.H.	30-45 min.
Hardness, ASTM D-2240	70 ± 5 Shore D
Specific Gravity,	
Part-A	1.34
Part-B	1.97
Total Solids by Weight, ASTM D-2369	94.5%
Total Solids by Volume, ASTM D-2697	91.4%
Viscosity at 75°F (24°C),	
Part-A & B combined	30 ± 5 poise
Volatile Organic Compounds,	
ASTM D-2369-81	0.76 lb/gal 91 gm/liter

STORAGE

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

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Polycoat Products representative or visit our website for current technical data and instructions.

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