



Product Description

Polyprime WB is a two-component liquid-applied, water-based epoxy primer with low VOC, low odor, unique penetrating characteristics, and rust inhibiting properties.

FEATURES

- » Low VOC
- » Low Odor
- » Fast Dry Time
- » Moisture Tolerant

TYPICAL USES

- » Concrete
- » Plywood

PACKAGING

1-Gallon Kit

5-Gallon Kit

Color

Side-A: Yellow, Side-B: Off-White

Mixing

Polyprime WB should not be diluted under any circumstances. The volume mixing ratio is: 4 units Part-A (yellow liquid) to 1 Part-B (off-white liquid). Polyprime WB Parts A and B should be thoroughly mixed separately prior to combining so as to ensure a homogenous material mixture. The combined components should be thoroughly blended using a mechanical mixer at a slow speed for <3 minutes, or for at least 5 minutes if mixed by hand.

Application

Remove all contaminants, oil and grease from the substrate. Polyprime WB Primer (combined Parts A and B) should be applied at the rate of 1 gallon (3.79L) per 200-300 sq. ft. (18.58 – 27.87 sqm) depending on the substrate. It can be applied using an airless sprayer, brush, or phenolic resin core roller. Allow Polyprime WB to become tack free before applying the coating. Recommended surface temperature should be greater than 50°F (10°C). Primer WB is sensitive to heat and moisture. Higher temperatures will significantly accelerate the cure time and decrease pot life. Use caution in batch sizes and thickness

TECHNICAL DATA (BASED ON DRAW DOWN FILM)

Coverage Rate	1 gal/200-300 sqft 3.79 l/18.58 - 27.87 sqm
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Dry Film Thickness per Coat	3 ± 1 mils 76 ± 25 microns
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Mixing Ratio	4A:1B
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Pot Life at 75°F (24°C), 50% RH	30-45 min
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Specific Gravity, Side-A	1.13 ± 0.1
Side-B	1.07 ± 0.1

Total Solids by Weight, ASTM D-2369	45 ± 2%
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Total Solids by Volume, ASTM D-2697	39 ± 2%
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Viscosity at 75°F (24°C)	1500 ± 300 cps
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Volatile Organic Compounds, ASTM D-2369-81	0.36 lb/gal 43 gm/liters
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of application. Low temperature will extend the cure time.

Storage & Handling

Keep containers closed and store in a dry, cool place away from direct sunlight, heat, sparks, open flame, and moisture. Polyprime WB Primer has a shelf-life of one (1) year in its original, unopened container under proper storage conditions. Keep material stored above 40°F (4.5°C).

Safety

Remember to review the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

Limitations

The following information is meant to be used as a general guideline only. Consult the project specification and your Polycoat Products representative for specific installation procedures. Polyprime WB Primer must be protected from



freezing.

Polyprime WB is not UV stable and cannot withstand direct wear or abrasion. Polyprime WB is difficult to clean up after it has cured.

Warning

This product contains Epoxy Resin and Curatives.

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