

PRODUCT DESCRIPTION

Themecoat® Polyprime U is a two component, high solids, liquid applied primer with unique penetrating characteristics.

FEATURES

- Fast Re-coat
- High Solids
- Low Odor
- Low Viscosity

TYPICAL USES

- Intercoat Adhesion primer for existing Urethane System only

PACKAGING

2-gallon kit: 1 gallon (3.78 liter) can of Side-A and 1 gallon (3.78 liter) can of Side-B

10-gallon kit: 5 gallon (18.9 liter) pail of Side-A and 5 gallon (18.9 liter) pail of Side-B

COLORS

Side-A: Black, Side-B: White.

MIXING

The volume mixing ratio is 1 part Side-A to 1 part Side-B.

Themecoat® Polyprime U Side-A and Side-B should be thoroughly agitated prior to mixing to ensure a homogeneous material. Themecoat® Polyprime U must always be mixed with one part Side-A and one part Side-B (Side-A: Side-B = 1:1). The combined components should be thoroughly mixed using a mechanical mixer at slow speed

APPLICATION

Themecoat® Polyprime U should be applied at the rate of 1 gallon (mixture of Side-A & Side-B)/300 sqft (0.14 liters/m²). Coverage rate will depend on surface roughness and porosity. It can be applied using an airless sprayer, brush, or phenolic resin core roller. Do not allow the material to puddle.

Allow Themecoat® Polyprime U to become tack free before applying the coating. Approximate tack free time is 2-4 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 U is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application.

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

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe

TECHNICAL DATA (Based on Draw Down Films)

Coverage Rate 1 gal/300 sqft (0.14l/m²)

Mixing Ratio by Volume 1A:1B

Pot Life at 75°F (24°C), 50% RH 60-90 minutes

Dry Film Thickness per Coat 5 ±1 mils
127 ±25 microns

Specific Gravity
Side-A 1.22
Side-B 0.98

Total Solids by Weight, ASTM D-2369 97.8%

Total Solids by Volume, ASTM D-2697 97.7%

Viscosity cps at 75°F (24°C) 500 ± 100

VOC, ASTM D-2369-81 0.21 lbs/gal
25 gm/liter

solvent, as permitted under local regulations, immediately after use.

STORAGE

Themecoat® Polyprime U 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).

Do not store outside.

LIMITATIONS

Themecoat® Polyprime U 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.

Themecoat® Polyprime U is difficult to clean up after it has cured.

Do not dilute Themecoat® Polyprime U.

Mix no more material than can be used within 20 minutes.

WARNING

This product contains Isocyanate.



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