



PRODUCT DESCRIPTION

Themecoat® Polyprime 130 is a two component, liquid applied, urea polyurethane primer.

FEATURES

- Low Order
- Quick Drying

TYPICAL USES

- Metal
- Glass Reinforced Plastics
- Polyurethane Elastomeric Surfaces

PACKAGING

1-gallon kit: 1 quart can of Side-A, net 0.25 gallon (0.95 liter) and three - 1 quart cans of Side-B Off-White Liquid, net 0.25 gallon (0.95 liter)

4-gallon kit: 1 gallon can of Side-A Clear Liquid, net 1 gallon (3.78 liter) and One - 5 gallon pail of Side-B Off-White Liquid, net 3 gallon (11.34 liter).

COLORS

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

COVERAGE

Approximate coverage is one gallon per 300 per sqft (0.14 l/m²).

SURFACE PREPARATION

Remove all contaminant, oil and grease from substrate.

MIXING

Mix no more material than can be used within 20 minutes. Themecoat® Polyprime 130 may not be diluted under any circumstance. The volume mixing ratio: 1 part Side-A to 3 parts Side-B. Mix no more material than can be used within 20 minutes. Themecoat® Polyprime 130 Side-B should be thoroughly mixed prior to combining to ensure a homogeneous material. The combined components should be thoroughly mixed using a mechanical mixer at slow speed or for at least 5 minutes if mixed by hand.

APPLICATION

Mix no more material than can be used within 20 minutes. Themecoat® Polyprime 130 should be applied at the rate of 1 gallon (mixture of Side-A & Side-B)/300 sqft (0.14 liters/ m²). It can be applied using an airless sprayer, brush, or phenolic resin core roller.

Allow no more material than can be used within 20 minutes. Allow Themecoat® Polyprime 130 to become nearly tack free before applying the coating. Recommended surface temperature should be greater than 50°F (10°C). If Themecoat® Polyprime 130 is allowed to dry completely, re-prime the surface before proceeding.

TECHNICAL DATA (Based on Draw Down Films)

Coverage Rate	1 gal/300 sqft (0.14 l/m ²)
Mixing Ratio by Volume	1A:3B
Pot Life at 75°F (24°C), 50% RH	40-60 minutes
Dry Film Thickness per Coat	3 ±1 mils (76 ± 25 microns)
Hardness, ASTM D-2240	70 ± 5 D
Specific Gravity	
Side-A	1.06
Side-B	1.47
Total Solids by Weight, ASTM D-2369	75 ± 3%
Total Solids by Volume, ASTM D-2697	62 ± 3%
Viscosity, cps at 75°F (24°C)	
Side-A	500 ± 200
Side-B	2500 ± 500
VOC, ASTM D-2369-81	0.21 lb/gal (25 gm/liter)

Themecoat® Polyprime 130 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.

STORAGE

Themecoat® Polyprime 130 has a shelf life of one (1) year from date of manufacture in original, factory sealed containers.

Side-A and Side-B must be stored above 60°F (15°C).

Avoid freezing temperatures.

Store containers on wooden pallets to avoid direct contact with the ground.

Do not store outside.

LIMITATIONS

Not UV stable.

Cannot withstand direct wear or abrasion.

Containers that have been opened must be used as soon as possible.

Mix no more material than can be used within 20 minutes. Themecoat® Polyprime 130 is difficult to clean up after it has cured.

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

WARNING

This product contains Isocyanate.



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