



Product Description

Metal Primer 130 is a two component, liquid applied, urea polyurethane primer. Polycoat Products manufactures products in different VOCs ranging from 100 to 340 gms/liter to comply with VOC requirement in various regions. Make sure to use the correct grade of product which complies with VOC regulations/requirements applicable as per federal, state, statutory, counties, cities and local bodies at the place of installation. **This product is NOT for sale in California or any location where a VOC of 360 gms/liters is not acceptable.**

Features

- Low Odor
- Quick Drying

Typical Uses

- Glass Reinforced Plastics
- Metal
- Polyurethane Elastomeric Surfaces

Packaging

1-Gallon Kit One - 1 quart can of Side-A Clear Liquid, net 0.25 gallon (0.95 liters) and Three - 1 quart cans of Side-B Off White Liquid, net 0.25 gallon (0.95 liters) each can

4-Gallon Kit One - 1 gallon can of Side-A Clear Liquid, net 1 gallon (3.78 liters) and One - 5 gallon pail of Side-B Off-White Liquid, net 3 gallon (11.34 liters)

Color

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

Coverage

The approximate coverage is 1 gallon/300 sqft (0.14 l/sqm). 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

Metal Primer 130 may not be diluted under any circumstance. The volume mixing ratio: 1 part Side-A to 3 parts Side-B (1A:3B). Metal Primer 130 Side-B should be thoroughly mixed prior to combining to ensure a homogeneous material. The

Technical Data (Based on Draw Down Film)

Coverage Rate	1 gal/300 sqft 0.14 l/sqm
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Dry Film Thickness per Coat	3 ± 1 mils 76 ± 25 microns
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Mixing Ratio by Volume	1A : 3B
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Pot Life at 75°F (24°C), 50% RH	20-30 min
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Hardness, ASTM D2240	70 ± 5 Shore D
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Specific Gravity, Side-A	1.11 ± 0.1
Side-B	1.47 ± 0.1

Total Solids by Weight, ASTM D2369	75 ± 3%
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Total Solids by Volume, ASTM D2697	62 ± 3%
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Viscosity at 75°F (24°C) Side-A & Side B Combined	500 ± 200 cps 2500 ± 500 cps
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Volatile Organic Compounds, ASTM D2369-81	3 lb/gal 360 gm/liters
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combined components should be thoroughly mixed using a mechanical mixer at slow speed or for at least 5 minutes if mixed by hand. Do not mix in an up and down motion.

Application

Metal Primer 130 should be applied at the rate of 1 gallon/300 sqft (0.14 l/sqm) (mixture of Side-A & Side-B). It can be applied using an airless sprayer, brush, or phenolic resin core roller.

Allow Metal Primer 130 to become nearly tack free before applying the coating. Recommended surface temperature should be greater than 50°F (10°C). If Metal Primer 130 is allowed to dry completely, reprime the surface before proceeding.

Metal Primer 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 will extend the cure time.

Cleanup

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

Storage

Metal Primer 130 has a shelf life of 1 year from date of manufacture in original, factory sealed containers. Side-A and Side-B must be stored between 60-95°F (15-35°C). **Avoid freezing temperatures.** Store containers on wooden pallets to avoid direct contact with the ground.

Limitations

Not UV stable. Cannot withstand direct wear or abrasion. Containers that have been opened must be used as soon as possible. Metal Primer 130 is difficult to clean up after it has cured. Mix no more material than can be used within 20 minutes.

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Warning

This product contains Isocyanates.

Limited Warranty: Please read all information in the General Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. These products are for professional use only and preferably applied by professionals who have prior experience with the Polycoat Products materials or have undergone training in application of Polycoat Products materials. 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, instructions, and project specific recommendations.

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