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)

Technical Data (Based on Draw Down Film)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Coverage Rate</td>
<td>1 gal/300 sqft 0.14 l/sqm</td>
</tr>
<tr>
<td>Dry Film Thickness per Coat</td>
<td>3 ± 1 mils 76 ± 25 microns</td>
</tr>
<tr>
<td>Mixing Ratio by Volume</td>
<td>1A : 3B</td>
</tr>
<tr>
<td>Pot Life at 75°F (24°C), 50% RH</td>
<td>20-30 min</td>
</tr>
<tr>
<td>Hardness, ASTM D2240</td>
<td>70 ± 5 Shore D</td>
</tr>
<tr>
<td>Specific Gravity, Side-A</td>
<td>1.06 ± 0.1</td>
</tr>
<tr>
<td>Specific Gravity, Side-B</td>
<td>1.47 ± 0.1</td>
</tr>
<tr>
<td>Total Solids by Weight, ASTM D2369</td>
<td>75 ± 3%</td>
</tr>
<tr>
<td>Total Solids by Volume, ASTM D2697</td>
<td>62 ± 3%</td>
</tr>
<tr>
<td>Viscosity at 75°F (24°C) Side-A &amp; Side B Combined</td>
<td>500 ± 200 cps</td>
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<tr>
<td>Volatile Organic Compounds, ASTM D2369-81</td>
<td>2500 ± 500 cps</td>
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<tr>
<td></td>
<td>3 lb/gal 360 gm/liters</td>
</tr>
</tbody>
</table>

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 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.

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**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. Polycoat Products warrants its products to be free of manufacturing defects and that they will meet Polycoat Products’ current published physical properties. Seller’s and manufacturer’s sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by Polycoat Products of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Polycoat Products shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Polycoat Products shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Polycoat Products reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

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