Etching Primer
Technical Data Sheet

Product Line
Propspeed Etching Primer

Description
A two-component etching primer, chemically drying by reaction of the mixed components and providing protection against corrosion and increasing the adhesive property of the subsequent coats.

Typical Uses
As a pre-treatment primer on non-ferrous metals such as bronze and aluminium as well as zinc and galvanised iron. May also be used as pre-treatment primer on blast-cleaned steel plates.

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixing Ratio</td>
<td>Base : Additive = 4 : 1 by volume</td>
</tr>
<tr>
<td>Colour</td>
<td>Base : Yellow</td>
</tr>
<tr>
<td></td>
<td>Additive : Clear</td>
</tr>
<tr>
<td>Theoretical Coverage</td>
<td>12m²/L</td>
</tr>
<tr>
<td>Dry Film Thickness</td>
<td>8 microns</td>
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<tr>
<td>Drying Time</td>
<td>10 minutes touch dry (temperature dependent)</td>
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<tr>
<td></td>
<td>1 hour hard dry @ 20°C</td>
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<tr>
<td>Painting Interval</td>
<td>Apply Propspeed Clear when Etching Primer is just touch dry</td>
</tr>
<tr>
<td>Pot Life</td>
<td>8 hrs @ 20°C</td>
</tr>
<tr>
<td>Clean up</td>
<td>Acetone</td>
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</tbody>
</table>

Application
Brush, Airless spray

Surface Preparation & Application
See application video www.propspeed.com

Propellers, shafts and rudders
Clean off all marine growth. Sand with 80 grit paper. Wash with clean water to remove sanding dust and allow to dry. Use Propclean to remove any organic contaminants, including grease and oil resulting from fingertip contact with the metal substrate. Wipe on and wipe off immediately with a clean cloth until clean. Apply Propprep to provide a chemically conditioned surface and wipe off with a clean cloth. Apply 2 coats Propspeed Etching Primer, when touch dry apply 1 full coat Propspeed Clear by brush, ensuring edges are free from drips. Do not immerse for minimum of 8 hours.

New Propellers
We recommend pre-conditioning all metal with Propclean and Propprep before applying the Etch Primer, refer to Propclean and Propprep data sheets.

Removal and Recoating of Propspeed
Process: When reapplying Propspeed the following steps should be taken.
• Remove the old Propspeed using 80 grit paper or Propstrip (refer TDS sheet).
• Clean entire area with Propclean and Propprep.
• Recoat as per Propspeed instructions.
Health & Safety

Etching Primer
Contains solvents. Do not expose containers to naked flame or high temperature heating equipment. It is recommended that a barrier cream or gloves be used for hands and that when spraying, eye protection or face mask be worn.

Transport
- UN No.: 1263
- Class: 3a
- Hazchem: 3(Y)E
- Packing Group 11

Storage
Do not store close to naked flames or near high temperature heating equipment.