

**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**

Mixing Ratio	- Base : Additive = 4 : 1 by volume (as supplied)
Colour	- Base : Yellow - Additive : Clear
Finish	- Matte
Coats to apply	- 2
Theoretical Coverage	- 11 m <sup>2</sup> /L   448 sq ft/US gallon
Wet film thickness	- 90 microns   3 - 4 mils (per coat)
Dry Film Thickness	- 8 microns   < 1 mil (per coat)
Volume solids	- 9 %
VOC level	- 676 g/L   5.64 lbs/US gallon
Specific gravity	- 0.87 to 0.92 g/L
Dry time	- 10 minutes touch dry (temperature dependent) @ 20°C   68°F - 1 hour hard dry @ 20°C   68°F
Painting Interval	- Apply Propspeed Clear when Etching Primer is just touch dry
Pot Life	- 8 hrs @ 20°C   68°F
Shelf life	- 2 years at 25°C   77°F
Solvents	- Xylene, isopropyl alcohol and isobutyl alcohol blend
Clean up	- Acetone or Xylene

**Application** Propspeed Application Kit Roller (PSAP4KIT, PSAP4-10), brush, foam roller.

**Surface Preparation & Application**

See application video [www.propspeed.com/application](http://www.propspeed.com/application)

**Propellers, shafts and rudders**

Clean off all marine growth. Remove old Propspeed using Strispeed (refer TDS sheet). Abrade metal surface to an 80-grit profile. 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 Propspeed roller or brush, ensuring edges are free from drips. Do not immerse for minimum of 8 hours.

### **New Propellers**

We recommend abrading the metal surface to an 80-grit profile, then 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 Stripspeed (refer TDS sheet).
- Abrade to 80-grit profile, and clean entire area with Propclean and Propprep.
- Recoat as per Propspeed instructions.

## **Health & Safety**

### **Etching Primer**

Contains organic solvents including xylene. Do not expose to naked flame or high temperature heating equipment. Avoid skin contact. It is recommended that a barrier cream or gloves be used for hands and eye protection is worn. Wear long-sleeved impervious protective clothing to avoid any possibility of liquid/vapour contact. When handling product, do not eat, drink or smoke. Always ensure adequate ventilation when painting and ensure appropriate certified respirator is used.

<b>Transport</b>	UN No.:	1263
	Class:	3a
	Hazchem:	3(Y)E
	Packing Group	II

### **Storage**

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