



1833 ULTRA ETCH

MAY 2007

Etch Primer

Product Data

A single pack, chromate-free, anti-corrosive etch primer.

Uses

Gives excellent adhesion and protection to various metals, under various topcoats.

For interior / exterior use.

Spray apply 50-70 microns Wet Film Thickness to achieve 8-12 microns Dry Film Thickness.

Overcoat the same day (no sanding), after a minimum 1 hour. Overcoat with 295, 600, 279, 579, PSX1015.

For maximum corrosion resistance, apply intermediate primer between etch and topcoat.

Colour Availability

Red Oxide, Grey, Black, Beige

Packaging

Available 1L, 4L, 20L

Substrates

Steel / aluminium / *galvanised steel / zintec – may be overcoated as specified.

*Chromate treated galvanised steel may present adhesion problems. It is recommended that a small area be tested before priming any galv. Adhesion may be improved by pretreating with a proprietary acid wash or swab with a cloth soaked in 719B or 1894T – Caution – wear safety goggles, rubber or plastic gloves and apron.

Surface Preparation

Steel – Remove rust by blasting to SA2½,
or by using power tools or sanding.

Aluminium – Degrease, then scour with Scotchbrite.
Degrease again.

Galv – Clean and degrease. Use a proprietary acid wash if surface has been chromate treated.

Zintec – Clean and degrease.

Thinning and Clean Up

Thin with 20% 654 Etch Thinner.

Clean gun and equipment with 654 Etch Thinner.

Application

Spray – conventional

Brush – small areas

Drying

Touch dry: 20 minutes

Hard dry: 1 hour

Overcoat: 1 hour minimum, 24 hours maximum

Do not bake, as this may affect the intercoat adhesion.

Theoretical Coverage

Approximately 18 sq. m/litre @ 10µm DFT (catalysed).

Practical coverage rates will be lower than theoretical and this must be taken into consideration when calculating costs.

Safety Precautions

Read each component's material safety data sheet before use. Mixed material has hazards of each component. Safety precautions must be strictly followed during storage, handling and use.

Health & Safety

Avoid breathing vapour. Use with adequate ventilation. High concentrations of vapour may cause headache or nausea, affect the nervous system and respiration.

Do not use in the presence of naked flame or other sources of ignition. Store away from heat.

Wear safety glasses/goggles, an air supplied respirator or hood and PVC or nitrile chemical handling gloves.

If spraying in a confined area, a positive pressure air respirator should be worn.

Store/dispose of residues in accordance with local body regulations.

First Aid

If poisoning occurs, contact a doctor. The Poisons Information Centre may be of assistance – telephone 0800 POISON (NZ), 13-11-26 (Australia).

If swallowed, do NOT induce vomiting. Give a glass of water to drink and get medical attention urgently. If affected by vapour, get into fresh air immediately. If splashed into the eyes, flush them with copious quantities of clean water for 15 minutes and get urgent medical attention.

If splashed onto skin, wash with soap and water.

For further information, refer to the Material Safety Data Sheet for this product.

CAUTION:

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapour concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.

This product is to be used by those knowledgeable about proper application methods. PPG Industries makes no recommendation about the types of safety measure that may need to be adopted because these depend on application environment and space, of which PPG Industries is unaware and over which it has no control.

If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.

This product is for professional use only. Not for residential use.

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.

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