

## 875 AE12 Etch Primer

### PRODUCT DESCRIPTION & USES

**875 AE12 Etch Primer** is a high performance, one-component etch primer with superior anticorrosive properties. It contains rust inhibiting pigments for corrosion protection and phosphoric acid for etching of ferrous and non-ferrous metals. **875 AE12 Etch Primer** is suitable for application on degreased iron, aluminium, bronze, copper, galvanised steel, steel and stainless steel. **875 AE12 Etch Primer** is fast-drying at ambient temperatures and is resistant to heat offering minimum "burn back" characteristics from welds. **875 AE12 Etch Primer** is widely used as a holding primer for structural steel and therefore is ideal for preparation on trailers, boats, tractors, cars and metal construction.

### PRODUCT FEATURES

- Exceptional durability.
- Rust inhibitive pigments protect metal against corrosion.
- Superior etching properties offering good adhesion when overcoated.
- Excellent opacity and levelling properties.
- Made in New Zealand for New Zealand conditions.

### TECHNICAL DATA

Gloss Level	Satin
Primer	Not applicable.
Wash Up	<b>002-016 AE12 Thinner</b>
Colours	Grey, Red and Black. Special colours by application.
Pack Size	500mL, 1L, 4L, 20L
Storage Temperature	5°C - 50°C
Shelf Life	Minimum 2 years.
Toxicity	Formulated without added lead or mercury. Dried film is non-toxic.
VOC content	726g/L as per EC-07-09 and APAS definition of Volatile Organic Compound.
Flash Point (Closed Cup)	12°C
Volume Solids	11%
Wet Film Thickness	83-100µ per coat
Dry Film Thickness	9-11µ per coat
Coverage	10-12 m <sup>2</sup> /L depending on surface texture and method of application.

### SUBSTRATE PREPARATION INSTRUCTIONS

**General Surface Preparation:** Surfaces to be painted must be clean with all traces of grease, oil and dirt removed. Remove all loose material, corrosion and any salt deposits. Clean surfaces with a mild detergent solution using a bristle brush. Rinse thoroughly. Use **AE12 Thinner** for degreasing.

**875 AE12 Etch Primer** offers excellent anticorrosive properties for long periods without an overcoat. However, overcoating is recommended for best results on exterior exposure,

### RECOMMENDED APPLICATION METHODS AND TECHNIQUES

Mix the contents in the can thoroughly before and during use.

Apply in full, even coats.

Thin, if required for ease of application in hot or windy conditions, with up to 5% **002-016 AE12 Thinner**.

Minimum Surface Temperature: 5°C

Maximum Relative Humidity: 75%

Temperature Range: 5°C - 35°C

Suitable Application Methods: Brush, Roller, Airless Spray and Dipping

Thinners: **002-016 AE12 Thinner**

Cleaning Solvent: **002-016 AE12 Thinner**

Max. Volume Thinners: 5%

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**NOTE:** The information concerning the use and application of this product is intended for use by professional specifiers and applicators, is given in good faith and is believed to be correct at the date of issue. Protective Paints Ltd reserves the right to alter the product or specification without notice. The user should check the date of issue, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of the performance of this product. However certain guarantees may be implied by law.



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Nozzle Orifice:	11–15 Thou
Fan Angle:	30°-50°
Nozzle Pressure:	1800 – 2500psi

### **DRYING CHARACTERISTICS**

All figures quoted are at 20°C and 65% relative humidity.

Drying will take longer at lower temperatures and/or at higher relative humidity.

Do not paint when temperature of surface is below 5°C, above 35°C or when humidity is very high.

Do not apply when rain or dew is expected within 4 hours.

Touch Dry;	30 minutes
Recoat:	1 hour
Full Cure:	2-3 hours

### **HEALTH & SAFETY**

#### **CAUTION! FLAMMABLE**

Contains petroleum solvents: keep away from heat and open flame. Close container when not in use.

#### **KEEP OUT OF REACH OF CHILDREN**

**WARNING:** This material may be harmful if swallowed or inhaled and may cause skin or eye irritation.

**PRECAUTIONS:** Avoid breathing vapour -- use with adequate ventilation. Do not eat, drink, or smoke whilst using. Store in a cool, well ventilated area indoors between 5°C - 20°C. Dispose of empty container safely. Empty cans or cans containing dry material may be recycled. Do not contaminate any water supply.

#### **FIRST AID**

**If Swallowed:** Give water to dilute. Owing to the aspiration hazard of hydrocarbon solvents, **DO NOT CAUSE VOMITING.** Get medical attention without delay.

**Eye Contact:** Treat immediately with water -- hold open and flush for at least 15 minutes. Get medical attention if irritation persists.

**Skin Contact:** Remove any contaminated clothing and wash skin thoroughly with soap and water. Avoid scrubbing skin.

**Inhalation:** Leave the hazard area, maintain breathing and get medical attention.

**FIRE:** Use foam, carbon dioxide or dry chemical powder.

**SPILLS:** Absorb with sand or earth. Collect and seal in properly labelled drums for disposal according to local waste management authority.

Refer MSDS, available on request, for detailed safety instructions.

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