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# TWO PACK ETCH PRIMER

## PRODUCT DATA SHEET

A two component vinyl based etch primer designed to promote adhesion of subsequent paint coatings onto galvanised iron and aluminium surfaces and concrete floor surface.

**TWO PACK ETCH PRIMER** contains zinc phosphate as a reactive pigment, it should however be over coated with an anticorrosive primer for galvanised iron to ensure optimum protection against corrosion.

THIS IS A TWO PACK SYSTEM. MIX THE TWO COMPONENTS THOROUGHLY BEFORE USE. DO NOT USE THE BLEND AFTER THE POT LIFE LIMIT.

### USAGE

- On galvanised steel and alloys of aluminium
- On light metals and alloys such as non anodised aluminium.
- On concrete floor surface before painting for good adhesion.
- Can also be used on steel for temporary protection and on stainless steel.

**Note:** Condensation or dew formation on metallic surfaces will result in poor adhesion and subsequent flaking of the paint. Avoid painting during early morning, late evening or during humid and wet periods.

### PHYSICAL DATA

- **Finish :** Matt
- **Colour :** Transparent yellow
- **Consistency :** Free flowing Liquid
- **Specific Gravity :** 1.00 (approx.) mixed
- **Volume Solids :** 12.5% (approx.) mixed
- **Flash Point :** < 23 °C, closed cup
- **Catalyst :** TWO PACK ETCH PRIMER HARDENER.
- **Mixing Ratio :** 4 parts BASE / 1 part HARDENER by volume
- **Pot Life :** 8 hours at 25°C
- **Shelf Life :** 12 months, kept in separate containers.
- **Packing :** 4L, 1L

Paints should be stirred before use and occasionally whilst in use.  
Contact your supplier for further information

## APPLICATION

- **Surface preparation** : .Surface should be dry , clean and rust free.  
**Stainless steel** : Steam cleaning or lightly abrade with non-metallic abrasives ( e.g. emery cloth ) and degrease.  
**Non anodised aluminium** : Steam cleaning or washing with non alkaline, chlorine free detergent. Wash thoroughly with fresh water.
- **Application method** : Mix the two components about 30 minutes before use. Apply one coat by brush or by conventional or low pressure spray.
- **Dilution** : Not required, use **ETCH THINNER** if necessary.
- **Spreading rate / Film thickness** : One litre of **TWO PACK ETCH PRIMER** will cover between 12.5 and 15 m<sup>2</sup> of surface in one coat ; at this spreading rate the dry film thickness will vary between 10 and 8 microns on a completely smooth, non absorbent surface.
- **Drying time** : Approximately 15 minutes to touch dry, **TWO PACK ETCH PRIMER** can be over-coated after 6 hours.
- **Cleaning solvent** : **ETCH THINNER**.
- **Preceding coat** : Not required.
- **Subsequent Coat** : Numerous coating systems can be applied over **TWO PACK ETCH PRIMER**. Please refer to specific data sheets.

## SAFETY

- **TWO PACK ETCH PRIMER** is flammable, keep away from ignition source. Do not smoke whilst using.
- Wear adequate protective equipment during application, remove splashes from skin with soap and water. In case of contact with eyes, rinse with ample water and seek medical advice if necessary.
- Ensure good ventilation during application and drying.
- Keep containers tightly closed and away from children.
- A complete Material Safety Data Sheet is available on request.

## MAINTENANCE

Surfaces prepared and painted according to specification will provide lasting protection and will facilitate maintenance. Carry out repairs as and when required and wash the surface occasionally; use mild detergent and light scrubbing to remove stains.

These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.