

## ETCH PRIMER (TWO PACK)

### PRODUCT DESCRIPTION

A high performance twin pack acid cured anticorrosive etch primer with excellent keying properties into steel and aluminium surfaces prior to full painting schedules. Product is rapid drying and accepts all standard paint systems.

### USES

As an effective adhesion promoter for ferrous and non-ferrous substrates, particularly aluminium. Can be overcoated with most conventional primers and topcoats.

### TECHNICAL PROPERTIES

<b>Colour</b>	Yellow		
<b>Finish</b>	Translucent/Matt		
<b>Curing Agent</b>	Etch Primer (Two Pack) Activator		
<b>Mix Ratio</b>	4:1 Base:Activator		
<b>Specific Gravity</b>	0.874		
<b>Volume Solids</b>	8 ± 2%		
<b>Recommended Film Thickness</b>	60 - 100µm WFT / 5 - 8µm DFT		
<b>Theoretical Spreading Rate</b>	10 - 16 m <sup>2</sup> /litre		
<b>Application Method</b>	Brush, Roller, Spray		
<b>Flash Point</b>	Base 10°C, Activator 24°C		
<b>VOC</b>	755 g/litre		
<b>Drying Times</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Touch Dry	10-20 minutes	5-10 minutes	3-5 minutes
Hard Dry	20-30 minutes	10-20 minutes	5-10 minutes
Minimum Overcoat *	20 minutes	10 minutes	5 minutes
Maximum Overcoat	Indefinite	Indefinite	Indefinite

\* overcoating can take place as soon as product is touch dry

### CERTIFICATION/APPROVALS

### RECOMMENDED SYSTEMS

Can be used with all main primers and topcoats.

### SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Degrease surface if necessary. Do not apply films heavier than stated. Corrosion resistance will be enhanced by use of a suitable phosphate pre-treatment.

## PRODUCT APPLICATION

<b>Mixing</b>	Mix 4 litres Base with 1litre Activator. Mix thoroughly. Stand for 20 minutes before use. Pot life 8 hours @ 20°C
<b>Thinners</b>	Do not thin. Ready to use.
<b>Brush</b>	Do not thin. Small areas only.
<b>Roller</b>	Do not thin. Small areas only.
<b>Conventional Spray</b>	Do not thin. Use 50-60 psi pressure and 1.4-1.8 mm diameter nozzle.
<b>Airless Spray</b>	Do not thin. Use tip 0.28-0.38 mm, 50-65° angle and 1800 psi pressure.
<b>Air Assisted Airless Spray</b>	Do not thin. Use 800 psi pressure and 1.4-1.8 mm diameter nozzle.
<b>Cleaner</b>	Thinner No.5
<b>Cleanup Considerations</b>	All equipment should be cleaned immediately after use with Thinner No.5 It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

## HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited. The user must observe local health, safety and environmental regulations when using this product. Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

## PACK SIZES

5 litre composite packs

## PACK WEIGHTS

4 litre Base : 3.855 kg. 1 litre Activator : 1 kg.

## STORAGE CONDITIONS

Store away from extremes of temperature and direct heat. If kept in suitable storage, a shelf life of 6 months should be expected.

## LIMITATIONS

Do not apply when RH exceeds 88% or the surface is less than 2°C above dew point. Application of excessive film thicknesses will detract from final product properties. Low temperatures and/or high humidity will retard the drying time. Spray only in warm, dry conditions.

## DISCLAIMER

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It is the user's responsibility to ensure that this sheet is current prior to using the product.