

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

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

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PRODUCT APPLICATION

Mixing	Mix 4 litres Base with 1litre Activator. Mix thoroughly. Stand for 20 minutes before use. Pot life 8 hours @ 20°C
Thinners	Do not thin. Ready to use.
Brush	Do not thin. Small areas only.
Roller	Do not thin. Small areas only.
Conventional Spray	Do not thin. Use 50-60 psi pressure and 1.4-1.8 mm diameter nozzle.
Airless Spray	Do not thin. Use tip 0.28-0.38 mm, 50-65° angle and 1800 psi pressure.
Air Assisted Airless Spray	Do not thin. Use 800 psi pressure and 1.4-1.8 mm diameter nozzle.
Cleaner	Thinner No.5
Cleanup Considerations	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 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

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application, use and processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to ensure that this sheet is current prior to using the product.

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