

2 PACK YELLOW ETCH PRIMER (N4700-2-1)

PRODUCT DESCRIPTION

An air drying anticorrosive etching primer based on a modified vinyl resin designed to promote adhesion to metallic substrates.

USES

As an effective adhesion promoter for ferrous and non ferrous substrates, particularly aluminium. Product can be overcoated with a range of finishes.

TECHNICAL PROPERTIES

Colour	Yellow		
Finish	Matt, Translucent		
Curing Agent	2 Pack Etch Primer Activator (N1000-1-1)		
Mix Ratio	1:1 by volume		
Specific Gravity	0.874		
Volume Solids	8 ± 2%		
Recommended Film Thickness	60-100µ WFT / 5-8µ DFT		
Theoretical Spreading Rate	10-16 m ² /litre		
Application Method	Spray only		
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

Most of Spencer's air drying single and 2 pack finishes.

SURFACE PREPARATION

Surfaces to be painted should be clean, dry and free of any corrosion, oil or grease. Corrosion resistance will be enhanced by use of a suitable phosphate pre-treatment.

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PRODUCT APPLICATION

Mixing	Mix 1 part base : 1 part activator by volume. Stand for 20 minutes before use. Pot life 8 hours, do not mix more than required.
Thinners	Do not thin. Ready to use.
Conventional Spray	<u>Gravity Fed Gun</u> 1.2 – 1.4 mm nozzle Pressure 3.0 – 3.5 Bar <u>Suction Fed Gun</u> 1.4 – 1.6 mm nozzle Pressure 4.0 – 5.0 Bar
HVLP Spray	<u>Gravity Fed Gun</u> 1.1 – 1.3 mm nozzle Pressure 0.3 – 0.7 Bar <u>Suction Fed Gun</u> 1.2 – 1.3 mm nozzle Pressure 0.3 – 0.6 Bar
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.

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PACK SIZES

5 litre Base, 5 litre Activator

PACK WEIGHTS

5 litre Base : 4.52 Kg. 5 litre Activator : 4.22 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

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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