



Technical Data Sheet

WASH PRIMER OR ETCH PRIMER 2 PACK

Scope

A two pack Etch Primer for use on non-ferrous metals. This has been designed specially for passivating the metal and ensuring adhesion to galvanised iron, aluminium, light alloys, etc. This primer may be used in conjunction with other conventional primers.

Uses

Recommended for use on aluminium cladding, galvanised rails or pipes, metal sprayed steel gratings etc.

Product Data

Type	:	Two pack, cured with Acid
Composition	:	Polyvinyl butyral resin with rust inhibitive pigments
Mixing Ratio	:	Base : Catalyst: 1:1 by volume
Pot Life	:	4-6 hours
Application	:	Brush, roller or conventional spray
Recommended DFT	:	6-8 microns per coat
Theoretical Spreading Rate	:	12.5-16.5 Sq. Mtr./Ltr.
Drying Time	:	TOUCH: 10-15 minutes HANDLE: 1 hour HARD: 2 hours

Overcoating Interval :

Min	:	2 hours Max: 24 hours
Flash Point	:	Above 25oC
Colour	:	Yellow
Packing	:	40 Ltrs and 8 Ltrs.
Finish	:	Matt

Storage Life: Up to twelve months as long as the sealed containers are kept under cover in a dry place under normal temperature conditions.

Resistance Guide

Chemical Resistance :

Refer to: recommended topcoat

Temperature Resistance :

Continuous : 80°C

Intermittent : 90°C

Weatherability : Not Applicable

Flexibility : Very Good

Abrasion Resistance : Good



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Surface Preparation

Remove grease, oil and other contaminants preferably by using Degreasing Solvent. Blast clean to a minimum of Sa 2 1/2 Swedish Standard SIS 05 5900 with a surface profile not exceeding 65 microns.

If blasting is not practical, make full use of mechanical tools along with manual chipping and wire brushing to remove loose rust and scale to St. 2 Swedish Standard SIS 05 5900. Excessive burnishing of steel is to be avoided. Thoroughly dust down all surfaces. Best results can be achieved if the manually cleaned surface is treated with Metal Conditioning Solution. The surface should be clean and dry before application of a suitable primer.

Application

Mix the contents thoroughly before and during use.

Brush/Roller: Apply preferably without thinning. If required, use up to 5% Thinner.

Airless spray: Add up to 5% Thinner. Use any standard equipment having pump ratio 30:1. Tip Size 0.43-0.48 mm. Tip Pressure 125-160 Kg/cm².

Notes

1. After application of the final coat the film should be allowed to cure for at least five days as the film develops its optimum resistance to water and chemicals only after this period.
2. Do not apply when temperature falls below 10°C or rises above 50°C and when relative humidity rises above 90%. Do not apply during rain, fog or mist.
3. Brushes and spray equipment should be cleaned with Thinner otherwise equipment is likely to be damaged.

Health & Safety: Please refer to the separate safety data sheet available with detailed information.

Disclaimer:

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