



BERGER **Protecton** PROTECTIVE COATINGS

Bison Wash Primer

USES

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

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.

PRODUCT DATA

Type : Two Pack, cured with Phosphoric Acid

Composition: Polyvinyl Butyral resin with rust inhibitive pigments

Mixing Ratio: Base : Catalyst- 1:1 by Volume

Pot life: 4-6 Hrs

Recommended DFT : 6-10 μ in a coat

Application : Brush or Conventional Spray,
Brush Application Preferred

Theoretical Spreading Rate: 10.0-16.7 m²/ lt/ coat

Drying Time: @50% RH

Touch Dry : 10-15 Minutes

HANDLE : : 1 Hour

Hard Dry : 2 Hours

Overcoating Interval : @50% RH

MINIMUM : 2 Hours

MAXIMUM : 24 Hours

Flash Point : Above 10° C

Colour : Yellow

Packing: 40 Ltrs and 8 Ltrs

Thinner/Cleaner : Thinner 870

Finish : Matt

Storage Life : Upto 12 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 top coat

Temperature Resistance:

Continuous : 80 °C

Intermittent : 90 °C

Weatherability : Not applicable

Flexibility : Very Good

Abrasion Resistance : Good

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SURFACE PREPARATION

Non-ferrous metals must be efficiently degreased by solvent cleaning to SSPC SP 01 Wet abrading with abrasive paper before application of Bison Wash primer.

Metal Sprayed surfaces do not require treatment other than stiff brushing and water washing to remove salt and other contaminants. The surface should be clean and dry before application of primer

APPLICATION

Stir each component thoroughly before mixing base and catalyst in equal proportions. Allow a maturation time of 30 minutes. Stir again prior to use.

It is Particularly important with this product that the recommended film thickness is not exceeded and for this reason application by brush is advisable although application by spray is also possible.

Brush: Apply without thinning; an even coat taking to avoid runs or sags.

Conventional Spray: Add maximum upto 5% Thinner 870 if required. Use any suitable standard equipment at an atomising pressure of 2.8-3.0kg/ cm².

TYPICAL PAINTING SPECIFICATIONS

Surface	1st Coat	2nd Coat	3rd Coat & 4th Coat
Galvanised Iron, Aluminium, Metal Sprayed steel	Bison wash Primer	Luxol ZC Primer	Torpedo or Luxol HG Enamel
	Bison wash Primer	Linsol CR Paint	Linsol CR Paint
	Bison wash Primer	Epilux 610	Berger Acrylic Polyurethane Finish
	Bison wash Primer	Epilux 4 CR Enamel (or) Epilux 155 HB Enamel	Epilux 4 CR Enamel (or) Epilux 155 HB Enamel

Notes :

1. 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.

2. Brushes and spray equipment should be cleaned with Thinner 870 otherwise equipment is likely to be damaged.

3. Etch primed steel works should not be exposed before being over coated with priming and/or finishing coats for added protection. (MORT specification Roads and Bridges works and BS CP 2008 : 1986 refers)

Health & Safety : Please refer to the separate Safety Data Sheet available with detailed information.

DISCLAIMER

The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The Company will not be liable for loss or damage howsoever caused including liability for negligence, which may be suffered by the user of the data contained herein. It is the users' responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.

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