



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 hours

Application : Brush or Conventional Spray,
Brush application preferred

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 hours
HARD : 2 hours

Overcoating Interval :

MIN : 2 hours
MAX : 24 hours

Flash Point : Above 25° C

Colour : Yellow

Packing : 40 Ltrs. and 8 Ltrs.

Thinner/Cleaner : Thinner 846

Finish : Matt

Storage Life : Upto 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 top coat

Temperature Resistance :

Continuous : 80° C
Intermittent : 90° C

Weatherability : Not applicable

Flexibility : Very good

Abrasion Resistance : Good

SURFACE PREPARATION

Non-ferrous metals must be efficiently degreased using Bison degreasing Solvent to ensure adhesion of Wash Primer. Wet abrading with abrasive paper and Thinner 853 is suggested.

Metal sprayed surfaces do not require treatment other than stiff brushing and water washing to remove salt and other contaminants.

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 care to avoid runs or sags.

Conventional Spray : Add maximum upto 5% Thinner 846 if required. Use any suitable standard equipment at an atomising pressure of 2.8 – 3.0 Kg/cm²

TYPICAL PAINTING SPECIFICATIONS

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Galvanised Iron, Aluminium, Metal Sprayed Steel	Bison Wash Primer	Luxol Z/C Primer	Torpedo Syn. Enl. or Luxol HG Enl.	Torpedo Syn. Enl. or Luxol HG Enl.
-do-	-do-	Linisol C/R Paint	Linisol C/R Paint	
-do-	-do-	Epilux 4 C/R Enl. or Epilux 155 HB Enl.	Epilux 4 C/R Enl. or Epilux 155 HB Enl.	

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 846, 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. (MOT 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

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