



BERGER **Protecton** PROTECTIVE COATINGS

BP Bituminous Aluminium Paint

USES

Steel structures, staircases, gratings, handrails, tank exteriors, under ground piping, etc., are some of the areas where this coating is recommended.

SCOPE

A two pack anticorrosive bituminous paint for protection of structural steel exposed to corrosive industrial or coastal environments. The coated surface provides outstanding durability and good light reflectance properties.

PRODUCT DATA

Type : Two Pack

Composition : Paste and medium supplied separately

Application : Brush or Airless Spray

Recommended DFT : 25–30 microns per coat

Corresponding WFT : 86–103 microns per coat

Theoretical Spreading Rate : 9.7–11.6 Sq. Mtr./Ltr.

Drying Time :

TOUCH	: 4–6 hours
HANDLE	: 8–10 hours
HARD	: 24 hours

Overcoating Interval :

MIN	: 24 hours
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Flash Point : Above 30° C

Colour : Aluminium

Finish : Metallic

Packing : 20 Ltrs.

Thinner/Cleaner : Thinner 800

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 :

EXPOSURES	SPLASH & SPILLAGE	MILD FUMES / OUTDOOR RESISTANCE
Acids	Fair	Good
Alkalis	Fair	Good
Solvents	Poor	Poor
Salt	Excellent	Excellent
Water	Excellent	Excellent

Temperature Resistance :

Continuous	: 93° C
Intermittent	: 120° C

Weatherability : Excellent

Flexibility : Good

Abrasion Resistance : Good

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SURFACE PREPARATION

Remove grease, oil and other contaminants preferably by using Bison Degreasing Solvent. Blast clean to a minimum of Sa 2 1/2 Swedish Standard SIS 05 5900 with a surface profile not exceeding 30–40 microns. If blasting is not practical, make full use of mechanical tools along with manual chipping and wire brushing to remove rust and scale to St. 2 Swedish Standard SIS 05 5900. Excessive burnishing of steel is to be avoided. Thoroughly dust down all surfaces before application of the appropriate primer.

APPLICATION

Stir the medium and mix the paste into it. Stir the mixture before and during use.

Brush : Apply, without thinning, to the required thickness.

Airless Spray : Apply without thinning. Use any standard equipment having pump ratio 30 : 1. Tip size 0.48 – 0.58 mm. Tip pressure 140–165 Kg/cm².

TYPICAL PAINTING SPECIFICATIONS

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Steel	BP Anti-saline Metallic Primer	BP Anti-saline Metallic Primer	BP Bituminous Aluminium Paint	BP Bituminous Aluminium Paint
-do-	Bison HB Zinc Phosphate or Luxol Z/C Primer	Bison HB MIO	-do-	-do-

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. The mixed paint is to be used off within 48 hours to obtain best result.
3. Brushes and spray equipment should be cleaned with Thinner 800 otherwise equipment is likely to be damaged.

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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