



BERGER Protecton PROTECTIVE COATINGS

Linisol High Build MIO Coating

USES

Recommended for long term protection of steel structures in coastal or moist, polluted industrial environments. Petrochemical complexes, refineries, tank farms, bridge work, fertilizer plants, sewage plants, docks and harbour installations are some examples where the products can be used.

SCOPE

A high build chlorinated rubber coating which provides excellent durability, water and chemical resistance due to the interlocking nature of Micaceous Iron Oxide.

PRODUCT DATA

Type : Single Pack

Composition : Plasticised chlororubber medium/
Micaceous Iron Oxide

Application : Brush or Airless Spray

Recommended DFT : 50–75 microns per coat

Corresponding WFT : 100–150 microns per coat

Theoretical Spreading Rate : 6.7–10.0 Sq. Mtr./Ltr.

Drying Time :

TOUCH : 30 minutes
HANDLE : 6 hours
HARD : Overnight

Overcoating Interval :

MIN : Overnight

Flash Point : Above 25° C

Colour : Grey

Packing : 20 Ltrs.

Thinner/Cleaner : Thinner 853

Finish : Matt

Storage Life : Upto six 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	Fair
Solvents	Poor	Poor
Salt	Very Good	Very Good
Water	Excellent	Excellent

Temperature Resistance :

Continuous : 65° C
Intermittent : 75° C

Weatherability : Good

Flexibility : Good

Abrasion Resistance : Good

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 35–40 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.

The surface should be clean and dry before application of appropriate primer coat.

APPLICATION

Stir the contents thoroughly before and during use.

Brush : Apply preferably without thinning. However, add upto 5% Thinner 853 if required.

Airless Spray : Add upto 5% Thinner 853 if required. 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	Bison HB Z/P Primer	Linisol HB MIO	Linisol C/R Paint or Linisol HB Chlorofinish	Linisol C/R Paint or Linisol HB Chlorofinish
-do-	Linisol HB Z/P Primer	-do-	-do-	-do-
-do-	Epilux 610 Primer or Zinc Anode 304 or Epilux 4 Z/R Primer	-do-	-do-	-do-
-do-	Protectomastic	-do-	-do-	-do-
Galvanised Iron & Aluminium	Degrease and abrade the surface. Apply a coat of Bison Wash Primer followed by any of the above systems excluding the primer coats.			

Notes :

1. Do not overwork as wet edge properties are limited.
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 853 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.

DATA SHEET No. : 024
Issue Date : Mar. 04

BERGER PAINTS INDIA LIMITED