



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

DATA SHEET No. : 024

Issue Date : Mar. 04

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

Berger House, 129 Park Street, Kolkata 700017 **Phone :** (033) 2229 9724 (5 lines) / 2249 9754 (4 lines) **Fax :** 91-33-2249 9729 / 2249 9009
Email : NORTH : bpil_okh@mantraonline.com SOUTH : bpil_ch2@sify.com EAST : bpil_cl1@vsnl.net WEST : bpil_vsh@vsnl.net