



Epilux ROZP PCN Primer

USES

Recommended for use in railway coaches, ships, containers, tank exteriors, equipment, pipelines, structurals steel specifically as a blast holding primer.

SCOPE

A two pack epoxy primer for use on steel surfaces for coastal and industrial environments overcoatable with a wide range of, chlororubber, epoxy and polyurethane top coats. Overcoated over shop primed inorganic zinc silicate primers to prevent zinc depletion during storage.

PRODUCT DATA

Type : Two Pack, cured with Polyamide

Composition : Catalysed epoxy resin with red-oxide and zinc phosphate anticorrosive pigments

Mixing Ratio : Base : Catalyst; 3 : 1 by volume

Pot Life : 4 – 6 hours at 27 ± 3°C

Application : Brush, Airless or conventional Spray

Recommended DFT : 40- 50 microns per coat

Corresponding WFT : 80 –100 microns per coat

Theoretical Spreading Rate : 10.0– 12.5 m²/ltr.

Drying Time : at 27 ± 3°C

TOUCH : 60- 90 mts

HANDLE : 4-6 hours

HARD : Overnight

Curing Time : 6 - 7 days

Overcoating Interval :

MIN : Overnight

MAX : 30 days

Flash Point : Above 26° C

Colour : Grey

Finish : Matt

Packing : 20 Ltrs.

Thinner/Cleaner : Thinner 844

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	Good	Good
Alkalis	Good	Good
Solvents	Good	Good
Salt	Very Good	Very Good
Water	Very Good	Very Good

Temperature Resistance :

Continuous : 93 ° C

Intermittent : 120 ° C

Weatherability : Very good in combination with a suitable coat

Flexibility : good

Abrasion Resistance : Fair

DATA SHEET No. :136

Issue Date : Sept 2002

SURFACE PREPARATION

Remove grease, oil and other contaminants preferably by Solvent Cleaning to SP 1. Abrasive blast clean to a minimum of SSPC SP10. For severe corrosive conditions, blast to SSPC SP 5 with a surface profile not exceeding 35- 45 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 SSPC SP 2 / SP3. Excessive burnishing of steel is to be avoided. Thoroughly dust down all surfaces. The surface should be clean and dry before application of primer.

APPLICATION

Stir the base thoroughly and then mix three parts base and one part catalyst by volume to uniform consistency. Allow the mixture to mature for 30 minutes and stir again before application.

Brush : Apply without thinning. **Conventional Spray :** Add upto 15% Thinner 844 depending on conditions. Use any standard equipment at an atomising pressure of 3.5-4.9 Kg/cm².

Airless Spray : Apply preferably without thinning. However, upto 5% Thinner 844 may be added if absolutely essential, depending on conditions. Use any standard equipment having pump ratio 30 : 1. Tip size 0.38 – 0.43 mm. Tip pressure 110 –160 Kg/cm²

TYPICAL PAINTING SPECIFICATIONS

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Steel	Epilux ROZP- PCN Primer	Epilux 4 HB MIO	Epilux 4 Enamel or Epilux Epoxy Finish	Epilux 4 Enamel or Epilux Epoxy Finish
-do-	Zinc Anode 304	Epilux ROZP- PCN Primer	Epilux 155 HB Enamel	Epilux 155 HB Enamel
-do-	Epilux ROZP- PCN Primer	Epilux 5 CTE	Epilux 5 CTE	-
Galvanised Iron or Aluminium	Degrease and abrade the surface. Apply a coat of Bison Wash Primer followed by any of the above systems .			

Notes :

1. Use off the mixed paint within the stipulated pot life period.
2. Do not apply when temperature falls below 10° C or rises above 50° C and when relative humidity rises above 90%.
3. Do not apply during rain, fog or mist.
3. Brushes and spray equipment should be cleaned with Thinner 844 before application of paint.
4. Do not apply when the steel substrate temperature is less than 3° C than dew point temperature.

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. :
136

Issue Date :
Sept 2002

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 : protectondelhi@sify.com SOUTH : bpil_ch2@sify.com

EAST : bpil_cl1@vsnl.net WEST : bpilum_prot@mtnl.net.in