



**BERGER**  **Protecton** PROTECTIVE COATINGS

## SYNTHETIC ROZP PRIMER 12744

### USES

Recommended for use on structural steel subjected to humidity, condensation and industrial environments in general.

### SCOPE

A Synthetic Primer with superior anticorrosive properties. The product passes all parameters of IS12744/1989 Specification. It can be overcoated with Synthetic top coats as well as Aluminium Paints.

#### PRODUCT DATA

**Type :** Single Pack

**Composition :** Modified alkyd medium pigmented with zinc phosphate and Red Oxide of Iron

**Application :** Brush and Conventional Spray

**Recommended DFT :** 25 –35 microns per coat

**Theoretical Spreading Rate :** 10.8 – 15.2 Sq. Mtr./Ltr/coat

**Drying Time :**

TOUCH : 1-2 hours

HARD : 18 hours maximum

**Overcoating Interval :**

MIN: : Overnight

**Flash Point :** Above 30° C

**Colour :** Red Oxide

**Packing :** 20 Ltrs.

**Thinner/Cleaner :** Thinner 800

**Finish:** Smooth & 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 :**

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

**Temperature Resistance :**

Continuous : 93 ° C

Intermittent : 120 ° C

**Scratch Hardness -** passes 1 kg load

as per IS 101

Flexibility & Adhesion after 48 hrs air dry as per IS 101 - passes 1/4" mandrel

Protection against corrosion under condensation

as per IS 101- Passes more than 7 days

Salt spray test as per IS 101 - Passes 4 days

**Weatherability:** Excellent with suitable top coat

**Abrasion Resistance:** Moderate

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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 35 -40 microns. If blasting is not practical, make full use of mechanical tools alongwith 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 Synthetic ROZP Primer.

**APPLICATION**

Mix the contents thoroughly before and during use.

**Brush :** Apply preferably without thinning. If required, add upto 5% Thinner 800 depending on conditions.

**Conventional Spray :** Add upto 10% Thinner 800. Use any standard equipment at an atomising pressure of 4.2-4.9 Kg/cm<sup>2</sup>.

**TYPICAL PAINTING SPECIFICATIONS**

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Steel	Syn ROZP Primer	Syn ROZP Primer	Aluminium Paint or Luxol HG Enl. Or Torpedo Syn Enl.	Aluminium Paint or Luxol HG Enl. Or Torpedo Syn Enl.
- do -	-do -	Bison HB MIO	- do -	- do -
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. 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. Primed steel work should not be exposed with one coat for a long period. For long term protection, one coat of Bison HB MIO or other top coats may be applied.

**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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**BERGER PAINTS INDIA LIMITED** Berger House,129 Park Street, Kolkata 700017

**Phone :** (033) 2229 9724 (5 lines) / 249 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