BERGER Protecton PROTECTIVE COATINGS

BP ROZC Primer IS:2074

USES

Specially as a primer on general structural steel subject to aggressive atmospheric corrosion.

SCOPE

A steel primer recommended for exterior and interior surfaces subjected to humidity, condensation and industrial environments in general. It can be overcoated with conventional synthetic top coats as well as aluminium paints. The primer satisfies IS:2074 specifications.

PRODUCT DATA

Type : Single Pack

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

Application : Brush and Conventional Spray

Recommended DFT : 30–35 microns per coat

Theoretical Spreading Rate : 10.0–11.7 Sq. Mtr./Ltr.

Drying Time :

TOUCH : 1–2 hours
HARD : Overnight

Overcoating Interval :

MIN : Overnight

Flash Point : Above 30° C

Colour : Red Oxide

Packing : 20 Ltrs.

Thinner/Cleaner : Thinner 800

Finish : 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 (with proper top coat) **:**

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

Temperature Resistance :

Continuous : 93° C
Intermittent : 120° C

Weatherability : Excellent with suitable top coat

Flexibility : Excellent

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 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 BP ROZC 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^2.

TYPICAL PAINTING SPECIFICATIONS

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Steel	BP ROZC Primer	BP ROZC 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 & 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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