BERGER Protecton PROTECTIVE COATINGS

BP Synthetic Zinc Chromate Primer

USES

Suitable for Steel work in mild industrial environments. It may be used as primer for all general structura; steel, cranes, towers, equipments, etc

SCOPE

An anticorrosive primer for application on metal surfaces. It can accept conventional as well as chlorinated rubber overcoats to provide durable paint systems

PRODUCT DATA

Type : Single pack

Composition : Modified alkyd medium pigmented with Zinc Chromate

Application : Brush, Roller, Spray

Recommended DFT : 25 –30 microns per coat

Theoritical Spreading Rate : 12.0 - 14.4 sq mtr/ltr/coat

Drying Time :

TOUCH	**:** within 1-2 hrs
HANDLE	**:** 4-6 hrs
HARD	**:** overnight

Overcoating Interval :

MIN : Overnight for conventional and 24 hours for Chlororubber

Flash Point : Above 30º C

Colour : yellow

Packing : 20 Ltrs.

Thinner/Cleaner : Thinner 800

Finish : Matt

Storage Life : Upto nine 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	N/R	Poor
Alkalis	N/R	Poor
Solvents	N/R	Poor
Salt	Good	Good
Water	Good	Good

Note: Not recommended for immersion services

Temperature Resistance :

Continuous	: 93 º C
Intermittent	: 120 º C

Weatherability : Excellent with suitable top coat

Flexibility : Excellent

Abrasion Resistance: Moderate

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SURFACE PREPARATION

Steel: 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 65 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 055900. Excessive burnishing of steel is to be avoided. Thoroughly dust down all surfaces. Best results can be achieved if the manually cleaned surface is treated with Bison Metal Conditioning Solution.

APPLICATION

Mix the contents thoroughly before and during use.

Brush / Roller : Apply preferably without thinning. If required, add upto 5% Thinner 853

Conventional Spray : Add upto 10% Thinner 800. Use any standard equipment at an atomizing pressure of 4.1 - 4.8 kg / $cm^{2.}$

Airless Spray: Add up to 5% Thinner 800 if required. Use any standard equipment having pump ratio 30:1 or 40:1. Tip size 0.43- 0.54; Tip pressure 110-160 Kg/cm^2

TYPICAL PAINTING SPECIFICATIONS

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Steel	BP Syn Z/C Primer	BP Syn Z/C Primer	Bison CR Enamel or Luxol HG Syn Enl or Linosol CR Paint	Bison CR Enamel or Luxol HG Syn Enl or Linosol CR Paint
- do -	BP Syn Z/C Primer	Bison HB MIO Coating	- do -	- do -
- do -	BP Syn Z/C Primer	Linosol CR Paint	Linosol CR Paint	

Notes :

1. Do not apply when temperature falls below 10º C or rises above 50º 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 or two top coats should be applied as early as possible.

Health & Safety : Please refer to the separate Safety Data Sheet available with detailed information.

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