

# BERGER Protection

## Bison Chemical Resisting Enamel

### Uses

Recommended

### Scope

A glossy top coat possessing good resistance to chemical pollutants in atmosphere. It is suitable for application on primed steel as well as plastered concrete surfaces.

### Uses

Recommended for use as top coat on tank exteriors, pipelines, chattring, garties walkways, bridge general structural steel etc.

### Product Data

Type: Single pack

Composition: Modified alkyl methacrylate medium suitably pigmented.

Application: Brush, roller, conventional or airless spray

Recommended DFT: 20-25 microns per coat

Theoretical Spreading Rate: 12-15.0 Sq. Mtr./Ltr.

### Drying Time:

TOUCH: 3-4 hours

HAND: 8 hours

HARD: Overnight

### Overcoating Interval:

Min. Overnight

Flash Point: Above 30°C

Colour: As per Protection colour card

Packing: 20 Ltrs. and 40 Ltrs.

Thinner/Cleaner: Thinner 800

Finish: Glossy

Storage Life: Up to twelve months as long as the sealed container is kept in a cool, dry place under normal temperature conditions.

### Resistance Guide

#### Chemical Resistance

Exposures	Splash and spillage	Mild Fumes / Outdoor Resistance
Acids	N/R	Fair
Alkalis	N/R	Fair
Solvents	N/R	Fair
Salt	Good	Good
Water	Good	Good

#### Temperature Resistance:

Continuous: 93°C

Intermittent: 120°C

Weatherability: Very Good

Flexibility: Excellent

Abrasion Resistance: Moderate



## 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 65 microns.

If blasting is not practical, make full use of mechanical tools along with manual wire brushing and wire brushing to remove loose rust and scale to St. 2S Swedish Standard SIS 05 5900. Excessive polishing 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.

The surface should be clean and dry before application of appropriate primer coat.

## Application

Mix the contents thoroughly before and during use.

**Brush/ Roller:** Apply without thinning.

**Airless spray:** Add up to 10% Thinner 8080. Use any standard equipment having pump ratio 30:1. Tip Size 0.28-0.38mm Tip Pressure 10-160 Kg/cm<sup>2</sup>.

## Typical Painting Specifications

Surface	1st coat	2nd coat	3rd coat	4th coat
Steel	Bison Syn R/L or Bison HB Z/P or Bison Z/C Primer or Bison HB Z/P or Luxol Z/C Primer	ROZCoor Bison Syn R/L or Bison HB Z/P or Luxol Z/C Primer	Bison Chem. Rest. Enamel	Bison Chem. Rest. Enamel
—	Luxol Clear Varnish or thinned coat of	Bison HB M/O	—	—
Concrete	Bison Chem. Rest. Enamel or thinned coat of Degreaser and Rest. Enamel	Bison Chem. Rest. Enamel	—	—
Galvanised iron and 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

- Allow minimum 48 hours before subjecting the painted surface to service conditions.
- 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 or fog.

**Health & Safety:** Please refer to the separate safety data sheet available with detailed information.

## Disclaimer:

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Data Sheet No. 007

Issue Date: October 1995