



BERGER Protecton PROTECTIVE COATINGS

Berger Torpedo Synthetic Enamel Paint

USES

Recommended for use on tank exteriors, structurals, pipelines, cladding, gantries, etc.

SCOPE

Torpedo Synthetic Enamel is designed to give a glossy durable topcoat for both interior and exterior exposure. It is ideally suitable for application on primed structures in polluted atmosphere with outstanding weather resistance and colour retention.

PRODUCT DATA

Type : Single Pack

Composition : Alkyd resin medium, suitably pigmented

Application : Brush, Roller, Conventional or Airless Spray

Recommended DFT : 25–35 microns per coat depending on colour

Corresponding WFT : 60–83 microns per coat

Theoretical Spreading Rate : 12.0–16.8 Sq. Mtr./Ltr.

Drying Time :

SURFACE : 4 hours
HARD : 12 hours

Curing time : 6–7 days

Overcoating Interval :

MIN : Overnight

Flash Point : Above 30° C

Colour : Assorted Shades

Packing : 20 Ltrs.

Thinner/Cleaner : Thinner 800

Finish : Glossy

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	N/R	Fair
Alkalis	N/R	Fair
Solvents	N/R	Fair
Salt	Good	Good
Water	Good	Good

Note : Not recommended for immersion and continuous splash of water.

Temperature Resistance :

Continuous : 80° C
Intermittent : 100° C

Weatherability : Excellent under mild industrial and chemical exposure

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 a suitable primer coat.

APPLICATION

Mix the contents thoroughly before and during use.

Brush/Roller : Apply without thinning.

Conventional Spray : Add maximum upto 10–20% Thinner 800, if required. Handgun with 66 Fluid Tip, 70 thou Orifice, 50–60 atomising pressure.

Airless Spray : Add upto 5% Thinner 800 if required. Use any standard equipment having pump ratio of 30 : 1. Tip size 0.28–0.38 mm. Tip pressure 110–160 Kg/cm².

TYPICAL PAINTING SPECIFICATIONS

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Steel	BP ROZC or Bison HB Z/P Primer or Luxol Z/C Primer	BP ROZC or Bison HB Z/P Primer or Luxol Z/C Primer	Torpedo Synthetic Enamel Paint	Torpedo Synthetic Enamel Paint
-do-	-do-	Bison HB MIO	-do-	-do-
Concrete	Luxol Clear Varnish	Torpedo Synthetic Enamel Paint	-do-	-do-
Galvanised Iron & 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 :

1. Allow minimum 48 hours before subjecting the painted surface to service.
2. Do not apply when temperature falls below 10° C or rises above 50° C and when relative humidity rises above 90% or during rain, fog or mist.

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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