Torpedo High Gloss Synthetic Enamel

USES

Recommended for use on exterior, structurals, pipelines, cladding, gantries, hand rails, cable trays 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 : Single component Alkyd Glossy enamel

Application : Brush, Roller, Conventional Spray

Recommended DFT : 30 – 40 microns per coat

Theoretical Spreading Rate : 10.5 – 14.0 m2./Ltr/coat

Drying Time :

TOUCH	: 3 hours at 27±30C
HARD	: Overnight

Overcoating Interval :

MIN:	: Overnight

Flash Point : Above 30º 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

* Not recommended for immersion.

Temperature Resistance :

Continuous	: 80 º C
Intermittent	: 100 º C

Weatherability: Good under mild industrial exposure

Flexibility: Excellent

Abrasion Resistance: Moderate

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SURFACE PREPARATION

STEEL: Remove grease, oil and other contaminants preferably by using Solvent as per SSPC SP1. Make full use of mechanical tools alongwith manual chipping and wire brushing to remove loose rust and scale to SSPC SP2 or SP3. Excessive burnishing of steel is to be avoided. Thoroughly dust down all surfaces.The surface should be clean and dry before application of appropriate primer coat and the subsequent coats.

APPLICATION

Mix the contents thoroughly before and during use.
Brush: Apply without any thinning.
Roller: Apply with not more than 2% thinning with Thinner No. 800
Conventional Spray: Apply with not more than 2-5% thinning with any standard equipment using a 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 30:1. Tip size 0.28.0.38 mm. tip pressure 110-160 kg / cm2.

Surface	1st Coat	2nd Coat	3rd Coat	4th Coat
Steel	BP ROZC or Bison HB ZP Primer or Luxol ZC Primer	BP ROZC or Bison HB ZP Primer or Luxol ZC Primer or Bison HB MIO	Torpedo HG Synthetic Enamel	Torpedo HG Synthetic Enamel
Galvanished iron and Aluminium	Degreasing and abrade the surface. Apply Bison Wash Primer followed by any of the above systems exclding the primer coats.			

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 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

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