

Water Based Dipping Enamel

Production Description

Single pack quick drying water based enamel based on Epoxy ester and Styrene Acrylic copolymer emulsion that has been specifically formulated as a protective coating for metal surfaces

Areas of Application

For application of difficult structures like coils, tools, springs, pipe scaffoldings and sway bars
Suitable for interior and exterior use.

Technical Data

| | |
|---------------------------------|--|
| Colour | Standard Colours |
| Viscosity | 60-70 Secs |
| Thinning & Clean Up | Water. Upto 10% thinner can be used depending on weather condition |
| Drying Time (at 25 C & RH 60%)* | Touch dry: 15mins** /Recoat: 4hrs** |
| Theoretical Coverage | 8 sq.mtr/litre at 35 microns* |
| Specific Gravity | 1.05 kg.ltr |
| Abrasion Resistance | Good |
| Solvent Resistance | Good |
| Chemical Resistance | Poor |
| Packs Available | 1000, 200 and 20 litres |

* Practical coverage depends on surface profile, method of application and dry film thickness. Higher film thickness leads to lower coverage.

** Cooler temperature, higher film thickness or higher humidity will lead to longer

Method of Application

Mechanically agitate dipping tank prior to and periodically during the coating process. Stabilizers may be added depending on the volume, weather conditions and time length of the process. Evaporation of the solvent is common test viscosity and add thinners as required. Test viscosity measured with a flow cup. Dipping viscosity to be at 60-70 seconds

Application

Stir the contents thoroughly before use. Add recommended water as per climatic condition and apply uniform coat. Second coat of Dipping Enamel if required can be applied after 8 hours drying of first coat.

Flammability & Transport Information

- Non-flammable.
- Ensure container is upright with lid secure.
- Ensure the container is secured in the vehicle for transport.

Environmental

- Do not wash painting equipment and allow waste to enter drains and water ways.
- Do not dispose of unwanted paint and thinners that will enter drains and water ways.
- Refer to state / local EPA and council web sites for environmental and safe disposal details.

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Safety & Precautions

- Do not apply when surface temperature is below 10 °C or over 35 °C.
- Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.
- Apply in calm fine weather conditions and only during daylight hours.
- Provide adequate ventilation during use.
- Keep out of reach of children.
- **Always refer to SDS first prior to commencement of application.**

The technical information and suggestions for use and application are given in good faith. Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise. The manufacturer does not assume any liability for any loss or injury resulting from the use of the product. Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times

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