

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. Up to 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	200 ml 1 liter and 20 liters

* 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.

Disclaimer: In lieu of all warranties expressed or implied, the seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither the seller nor manufacturer shall be liable for any injury, loss, damage, direct or consequential, arising out of the use of or inability to use this product. Since the use and application of this product is beyond the control of the seller and the manufacturer, the purchaser and user assume all risk and liability whatsoever, in connection with this product therewith.

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