

Self Priming Enamel

Production Description

A single pack quick drying gloss enamel based on modified alkyd. This has additives that promote easy priming and adhesion to metals. An ideal product for use on original equipment, engineering equipment, industrial structures and shipping and other containers. Also recommended as maintenance coating.

Areas of Application

The product is recommended for original equipment, engineering equipment, industrial structure and shipping and other containers. Also recommended as maintenance coating.

Technical Data

Colour	Black, white and other standard or customized colours
Solvent Resistance	Fair, not resistance to aromatics.
Toxicity	Dry film is non toxic
Thinning & Clean Up	Omega Enamel Thinner. For cleaning up, up to 5% thinner can be used depending on the ambient condition and application method.
Theoretical Coverage*	10 sq.m. / litre for 40 microns. Practical coverage depends on surface profile, method of application and losses.
Drying Time (at 25 C & RH 60%)**	Touch dry: approx. 10 minutes / Recoat: minimum 8 hours**
Gloss Level	More than 85 unit at 60 degree head.
Packs available	4 litre & 20 litre

*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 conditions will lead to longer drying times.

Method of Application

Brush, Airless and air Spray or Roller. Please use the method best suited to your requirement and skill.

Surface Preparation

Remove all the dust, dirt, grease and oil from the surface. For maintenance purposes it should be ensured that the surfaces do not have rust before application of Self priming Enamel. On galvanized surfaces, apply a coat of Omega Etch primer after proper surface preparation before applying Self Priming Enamel.

Application

Stir thoroughly before use with a flat bladed stirrer or mechanical mixer. The temperature of the paint must be at least 15 °C, otherwise extra thinner may be required to obtain application viscosity. Thin paint with maximum 10% thinner to achieve desired viscosity in accordance to intended application method. Too much thinner will result in lower sag resistance and slower curing. Avoid over spraying/brushing as the paint dries fast. Second coat of Self Priming Enamel if required can be applied after 8 hours drying of first coat. Must provide adequate ventilation during use. Tools should be cleaned with suitable thinner. Enamel thinner is recommended. Temperature must not below 10 °C when applying and relative humidity should not exceed 85%.

Self Priming Enamel

Flammability & Transport

- Highly Flammable. Flash Point -3°C
- Keep away from heat and flame, eliminate any source of ignition.
- 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.

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.
- Cease painting 2 hours before sunset or if weather changes are forecast.
- Use only the recommended thinner for dilution and cleaning.
- Check paint colour to the colour chart/standard prior to application
- Provide adequate ventilation during use.
- Keep out of reach of children
- Avoid exposure of the new paint film to steam for 48 hours and to washing or scrubbing for 7 days.
- Check cross cut adhesion test of old coating before repainting.
- Apply a test sample for compatibility of this product over a small test area.

*Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times

**Practical coverage may depend on surface profile, method of application and losses. Higher film thickness will lead to lower coverage.

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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Reviewed June 2019