

PRODUCT DATA SHEET

Product Code- 7304

Marigold HS Synthetic Enamel Top Coat

FAST DRY MODIFIED ALKYD PAINT

Description	Marigold Synthetic Enamel Paint is based on modified Alkyd resin which can be applied on steel surface with or without any primer underneath.
Uses	Recommended for use in new construction as well as for maintenance purpose. It is suitable for interior as well exterior of steel structure. It meets the requirement of Pre-Engineered building (PEB), Radiators and platform maintenance.

PHYSICAL PROPERTIES

Colour	A Selected range of colors
Finish	Matt to Glossy depending upon customers requirement, Smooth and Free from any surface defects
Density	1.01.4 Kg/Liter Depending upon colour and gloss level
Volume Solid %	42 to 50 Depending upon colour and gloss level
Theoretical Coverage	About 4.2 Sq. 10.5 to 12.5 Square Meter / Liter at 40 Micron DFT(without loss factor)
Flash Point	30 °C
Surface Dry	30 Minutes at 30 Degree C
Touch Dry	2.0 Hours at 30 Degree C
Hard Dry	Overnight- 8-12 Hours at 30 Degree C
Full Cure	5 days
Shelf Life	One Year when stored in shade below 35 Degree Centigrade.
Service Temperature	80°C, at higher temperature colour/appearance may change.

**APPLICATION
DETAILS**

Composition	Single Pack Modified Alkyd Resin based Paint
Application Method	Airless Spray, Air Spray and Brush, Flow and Roller Coat.
Dry Film Thickness (DFT)	30- 40 Microns (viscosity can be adjusted to achieve required DFT but thinning not to exceed 5% of thinner No 100)
Wet Film Thickness (WFT)	80 Microns
Over coating Interval	10-12 hours (if over coating is required)

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SURFACE PREPARATION	The surface to be painted should be free from dirt, dust, oil, grease, or any other contaminations. It should be dry and free from moisture. Over coating after weathering or ageing: Need to ensure that old coating is fully cleaned and is free from contamination such as oil, grease etc. before application of further coats of Marigold Synthetic Enamel Paint
APPLICATION CONDITIONS	During painting need to ensure that surface temperature is at least 3°C above dew point.
Thinner	Thinner intake will depend upon application conditions, application method and type of object. Depending upon conditions and results to be achieved thinner intake may vary from 5% to 10%.
PREVIOUS COAT	Synthetic Primer, Epoxy Primer
SUBSEQUENT COAT	Can be overcoated with itself i.e. Marigold Synthetic Enamel
CAUTION	This product must only be thinned using the recommended thinner. The use of alternative thinners can affect the drying of the coating. This product is not recommended for use in immersion conditions.
SAFETY	Marigold Synthetic Paints are solvent based products, user need to take safety precaution which are applicable to all the petroleum based inflammable products. Painting should be done in open and ventilated place. Use Foam based fire extinguishers in case of fire. Keep it away from direct fire/ flame and store the product under the shade below 35 degree Centigrade.

Issued By: Marigold Paints Pvt. Ltd

The Product is for Industrial use only. Product data given here *is correct to the best of our knowledge but their accuracy may vary depending upon the quality of the substrate, application parameters and atmospheric conditions affecting the performance of the product.* Therefore the users are advised to make their own tests to determine the suitability of products for their own purposes under present conditions.

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