

Quality

**Diamond Paints**

Tr. L.L.C



**Diamond Paints**

كواليتي

**دايموند للاصباغ**

لتجارة ش.ذ.م.م

## DIAMONDSYNTHETICENAMEL

General purpose synthetic enamel based on alkyd resin. It dries to give high gloss finish which is resistant to cracking and withstands abrasion and wash ability.

It also has excellent weather resistance.

## Product benefits

- ❖ Tough, flexible, high gloss finishes with excellent leveling properties.
- ❖ Weather Resistance - Able to withstand weathering elements such as sunlight and rain so your property looks beautiful.
- ❖ For both interior and exterior applications.
- ❖ High film builds capability for added protection.
- ❖ Good abrasion, scratch and impact resistances.
- ❖ Also dip applied for increased transfer efficiency

## Product applications

- ❖ General purpose for high gloss finish.
- ❖ General purpose, decorative finish for concrete, plaster, blocks, asbestos, masonry, brick work, wood surfaces...
- ❖ Suitable for metal surfaces.
- ❖ Suitable for all types of old and new surfaces, ceilings and walls including hard board / chip board, wooden surfaces as well.

**Technical properties**

Color, dry film	As Per Diamond Shade Card
Finish, dry film	Glossy
Volume solids	45 ± 2%
Specific gravity	1.05 ± 0.05 (For white & pastel shades)
Viscosity	10 ± 2 poise (Root @ 25°C)
Spreading range	11 – 15 m <sup>2</sup> / liter
Recommended dry film range	30 - 40 per coat
Recommended wet film range	65 - 90 per coat
Flash point	38°C

**Application data**

Application method	Brush, Roller or Spray
Thinning / Cleaning	Diamond G. P. Thinner
Thinner (volume)	5-15% depends upon application involved
Conv. Spray requirements	Atomizing pressure: 50 psi
Airless spray requirements	Pressure: 2200 psi
Nozzle size	0.013" - 0.021"

**Recommended system**

Diamond System	Prepared Surfaces	No. of Coats
To be applied on Recommended System (Concrete/Walls)	Diamond PVA Primer	1 coat
	Diamond Stucco Filler	2 coats
	Diamond Synthetic Undercoat	1 coat
	Diamond Synthetic Enamel Gloss	1-2 coat
	Diamond Red Oxide Primer	1 coat
To be applied on Recommended System (STEEL)	Diamond Synthetic Undercoat	1 coat
	Diamond Synthetic Enamel	1-2 coat

**Drying time**

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time)	
Touch dry	4 hours
Dry to recoat	12-18 hours
Hard dry	12-18 hours

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## Packing /Colors

- ❖ 1 US gallon
- ❖ 5 US gallon
- ❖ 1 Liter
- ❖ 200 Liter

## Substrate Preparation

Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.

## Storage

- Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shade, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination.

## Safety and Health

As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water.

Avoid inhalation of vapors and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Application must be carried out in well-ventilated area.

## Shelf life

18 months, in original sealed container, with proper storage conditions.

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**Limited Guarantee:** All Diamond Paints UAE LLC products are guaranteed; however, since Diamond Paints UAE LLC does not control the application of its products, nor the condition of the surfaces to which they are applied, a limited guarantee is provided. If the product does not perform as specified, Diamond Paints UAE LLC liability will under no circumstances exceed replacement of the product.

**Disclaimer:** To the best of our knowledge the information provided herein is true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product. The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of a new data sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, prior to using the product.



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