

Synthetic Enamel

Description

Happilac premium Synthetic Enamel is a high gloss alkyd based enamel that confers stain-free, durable and non-fading coating with excellent gloss retention and resistance to chalking. Nearly odorless and easy to use, it air dries to smooth high covering film and obscures the substrate imperfections. It is ready to use product and equally suitable for interior and exterior surfaces.

Recommended For

Happilac Synthetic Enamel is suitable for wood, metal and other masonry surfaces. It is highly suitable for kitchen and bathroom. Use proper primer system for long life of coating.

Features

- Deep full gloss which lasts longer
- Excellent flow and leveling
- Resistant to mild chemical attack
- Excellent resistant to abrasion
- Air drying with smooth final finish
- High color fastness pigments

Limitations

- Drying time may vary depending on weather and drying conditions.
- Ensure the correct primer or sealers used.

Product Information

Tint Bases:	Happilac Standard Tinters.	Binder type	Solvent based alkyd
Color Range:	See appropriate shade card.	Pigment type	Titanium dioxide
Happilac Tintolac:	With Happilac Tintolac machine, get your happy color from a color palette of 1000+ colors.	Volume solids	42±2 %
Certifications:	VOC compliant in all regulated areas. OHSAS : 18001 ISO : 14001 ISO : 9001	Weight solids	63±2 %
Technical Help:	Happilac Paints technical department is always available to assist you in the correct use of our products.	Specific gravity	1.00±0.1
		Odor	Slightly odor
		Viscosity (@ Ford Cup F4)	520±40 Sec
		Flash point	34 °C
		PH	Not applicable
		Application	Brush, Roller, Spray
		Finish	Gloss
		Thinner	Mineral turpentine
		Thinning	As per requirement, Max. 25 %
		Dries by	Evaporation, Oxidation
		Surface Dry	2-3 Hours
		Hard Dry	24 hours
		Recoat	16 hours
		Drying and recoat times are temperature, humidity and film thickness dependent	
		Coverage	13-14m ² /liter/coat
		Film thickness	25-30 microns per coat
		Packing	14.56 ltr, 3.64 ltr, 0.91 ltr, 0.25 ltr
		Storage temperature	4-30 °C

Surface Preparation and Application

Appropriate and good surface preparation significantly increases the top coat life and durability. Deploy skilled/experienced individuals for the application of paint. A few general instructions are given below:

New or Bare Surfaces

Surface to be painted must be dry, clean and free from all contamination. Remove dirt, grease and waxy material. Scuff with suitable sand paper, dust off and apply Happilac Red Oxide Primer or Happilac Zinc Chromate Primer on all metal surfaces in order to prevent from rusting. Apply Happilac Undercoat on all wood surfaces. Allow the surface to dry completely and apply 2 coats of Happilac Synthetic Enamel. The recommended paint system for different substrates is given below:

Previously Painted Surfaces

Scrape off all the loosely adherent paint from the surface with an appropriate abrasive paper. Properly clean the substrate and apply Happilac Red Oxide Primer or Happilac Zinc Chromate Primer on all metal surfaces in order to prevent from rusting. Apply Happilac Undercoat on all wood surfaces. Allow the surface to dry completely and apply 2 coats of Happilac Synthetic Enamel. The recommended paint system for different substrates is given below:

Recommended Paint System for METAL Substrates

Sequence	Recommended Product	No. of Coats
Primer	Red Oxide Primer/Zinc Chromate Primer	1
Finish	Happilac Synthetic Enamel	2-3

Recommended Paint System for WOOD Substrates

Sequence	Recommended Product	No. of Coats
Sealer	Happilac Zinc Chromate Primer	1
Finish	Happilac Synthetic Enamel	2-3

Recommended Paint System for MASONRY Substrates

Sequence	Recommended Product	No. of Coats
Sealer	Happilac Wall Primer Sealer	1
Putty/Filling	Happilac Strong Wall Filling	1-2
Finish	Happilac Synthetic Enamel	2-3

Health and Safety Notes

- When applying paint, wear appropriate eye protection.
- In case of eye contact with product, rinse with plenty of water for at least 10 minutes.
- Don't breathe spray mist or dust.
- Ensure proper ventilation when applying paint.
- If swallowed, it may cause serious damage.
- When empty, don't use its container for edible storage.
- Place out of reach of the children.
- Pregnant women are advised to avoid breathing of paint mist or spray.
- In case of any emergency, undergo medical supervision as soon as possible.

WARNING: Scraping/sanding off previously painted surfaces may release lead dust or fumes. Lead is highly toxic; take protective measures thoroughly when rubbing off the old surfaces.