

Synthetic Metallic

Description

Happilac Synthetic Metallic is a high gloss and high luster paint with beautiful colors. It gives a very special look to the object painted with Happilac Synthetic Metallic Paint. It is based on alkyd based resin with high color fastness pigments and specialty additives. It exhibits good resistance against alkali and mild chemical attack.

Recommended For

Happilac Synthetic Metallic is suitable for wood, metal and other masonry surfaces. It is highly suitable for furniture, staircases and corridors. Use proper Primer/Sealer system for better results.

Features

- High gloss and high luster
- Smooth flat finish
- Resistance to mild chemical attack
- Excellent resistance to abrasion
- Quick air drying
- High color fastness pigments

Limitations

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

Product Information

<p>Composition: Alkyd resin, Quality pigments and specialty additives.</p>	<p><u>Binder type</u> Solvent based alkyd</p> <p><u>Pigment type</u> Aluminium, Titanium dioxide</p> <p><u>Volume solids</u> 48±2 %</p> <p><u>Weight solids</u> 65±2 %</p> <p><u>Specific gravity</u> 0.92±0.02</p>
<p>Certifications: VOC compliant in all regulated areas. OHSAS : 18001 ISO : 14001 ISO : 9001</p>	<p><u>Odor</u> Slightly odor</p> <p><u>Viscosity (@ Ford Cup F4)</u> 390 ± 40 Sec</p> <p><u>Flash point</u> 34 °C</p> <p><u>Application</u> Brush, Roller, Spray</p> <p><u>Finish</u> Gloss</p> <p><u>Thinner</u> Mineral Turpentine</p> <p><u>Thinning</u> Max. 25%</p>
<p>Technical Help: Happilac Paints technical department is always available to assist you in the correct use of our products.</p>	<p><u>Dries by</u> Evaporation, Oxidation</p> <p><u>Surface Dry</u> 2-3 Hours</p> <p><u>Hard Dry</u> 24 hours</p> <p><u>Recoat</u> 7-8 hours</p> <p>Drying and recoat times are temperature, humidity and film thickness dependent</p>
<p>Handling: The product must be stored in a cool, dry and well ventilated place away from source of heat and ignition. Keep the container closed and upright and handle with great care.</p>	<p><u>Film thickness</u> 25-38 microns per coat</p> <p><u>Coverage</u> 14-15 m²/liter/coat</p> <p><u>Packing</u> 3.64 ltr, 0.91 ltr, 0.25ltr</p> <p><u>Storage temperature</u> 4-33 °C</p> <p><u>Color Range</u> See appropriate shade card</p>

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 Metallic.

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 Metallic.

Recommended Paint System for METAL Substrates		
Sequence	Recommended Product	No. of Coats
Primer	Red Oxide Primer/Zinc Chromate Primer	1
Finish	Happilac Synthetic Metallic	2-3

Recommended Paint System for WOOD Substrates		
Sequence	Recommended Product	No. of Coats
Sealer	Happilac Zinc Chromate Primer	1
Finish	Happilac Synthetic Metallic	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.