

Synthetic Under Coat

Description

Happilac Synthetic Under Coat is interior and exterior primer and intermediate coat in alkyd system. It is specially designed for variety of substrates such as woodwork, timber, fiber board, sealed masonry surfaces in dry rooms and primed steelwork. It gives maximum enamel holdout and provides smooth tough surface.

Recommended For

Happilac Synthetic Under Coat is suitable for variety of surfaces including wood work, timber, sealed masonry surfaces and primed steel work.

Features

- Excellent adhesion
- Enhances the life of top coat
- Smooth and silky under coat
- High opacity
- Resistance to alkali and mild chemical attack

Limitations

- Drying time may vary depending on weather and drying conditions.
- Not suitable where surface is saturated with moisture.

Product Information

<p>Composition: Alkyd resin, Titanium dioxide and quality additives.</p>	<p>Binder type Solvent based alkyd</p> <p>Pigment type Titanium dioxide and fine fillers</p> <p>Volume solids 45±2 %</p> <p>Weight solids 70±2 %</p> <p>Specific gravity 1.52±0.02</p>
<p>Certifications: VOC compliant in all regulated areas. OHSAS : 18001 ISO : 14001 ISO : 9001</p>	<p>Odor Slightly odor</p> <p>Viscosity(@ Ford Cup F4) 610 ± 40 Sec</p> <p>Flash point 35 °C</p> <p>Application Brush, Roller, Spray</p> <p>Finish Gloss</p>
<p>Technical Help: Happilac Paints technical department is always available to assist you in the correct use of our products.</p>	<p>Thinner Mineral turpentine</p> <p>Thinning As per requirement, max. 25%</p> <p>Dries by Evaporation, Oxidation</p> <p>Surface dry 30 mins</p> <p>Hard dry 24 hours</p> <p>Recoat 8-10 hours</p>
<p>Storage: The product must be stored in dry, cool and well ventilated space away from source of ignition and heat. Containers must be kept tightly closed and upright and handle the product with care.</p>	<p>Drying and recoat times are temperature, humidity and film thickness dependent</p> <p>coverage 7-12m²/liter/coat</p> <p>Film thickness 25-35 microns per coat</p> <p>Packing 14.56 ltr, 3.64 ltr, 0.91 ltr</p> <p>Storage temperature 4-28 °C</p> <p>Color White</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 and then Happilac Synthetic Under Coat. For Wood substrates, apply Happilac Wood Sealer followed by Happilac Synthetic Under Coat. Allow the surface to dry completely and apply 2-3 coats of Happilac Top Coat.

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 and then Happilac Synthetic Under Coat. For Wood substrates, apply Happilac Wood Sealer followed by Happilac Synthetic Under Coat. Allow the surface to dry completely and apply 2-3 coats of Happilac Top Coat.

Recommended Paint System for METAL Substrates

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

Recommended Paint System for WOOD Substrates

Sequence	Recommended Product	No. of Coats
Sealer	Happilac Wood Sealer	1
Undercoat	Happilac Synthetic Under Coat	1
Finish	Happilac Synthetic Enamel	2-3

*Happilac offers a good range of top coats i.e. emulsions, enamel etc. Make the smart choice and choose Happilac.

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.