



# Synthetic Metallic

## Description

Happilac Synthetic Metallic is an alkyd based high gloss and high luster paint that gives a very special look to the object painted. It exhibits good resistance against mild chemical fumes attack.

## RECOMMENDED USE

Happilac Synthetic Metallic is suitable for all types of interior and exterior wood and metal surfaces.

## FEATURES

- High gloss
- High luster
- Good coverage
- Resistant to the levels of atmospheric humidity present in normal interior and exterior environment

## PRODUCT INFORMATION

|              |                                                                          |                             |                                                                                                          |
|--------------|--------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------|
| Appearance   | Metallic Finish                                                          | Coverage                    | 12-14 m <sup>2</sup> / liter / coat                                                                      |
| Color        | Refer to Happilac Synthetic Metallic shade card                          |                             | Actual spreading rate depends on film thickness, surface porosity, imperfections, temperature or wastage |
| Binder Type  | Alkyd                                                                    |                             |                                                                                                          |
| Pigment Type | Light Fast Non-Lead Pigments                                             | Specific Gravity            | 0.93 ± 0.02                                                                                              |
| Solvent      | Naphtha Petroleum                                                        | Volume Solids (Theoretical) | 45 ± 2%                                                                                                  |
| Application  | Spray only                                                               | No. of Coats                | 2-3                                                                                                      |
| Flash Point  | 34°C                                                                     | Film Thickness              | Wet: 75-90 µm / lit / coat<br>Dry: 30-40 µm / lit / coat                                                 |
| Cleaning     | Clean all equipment with Happilac Mixing Oil T-679 immediately after use | Packing                     | 0.25, 0.91 and 3.64 Liters                                                                               |
| Thinner      | Happilac Mixing Oil T-679                                                |                             |                                                                                                          |
| Thinning     | 15-20%                                                                   |                             |                                                                                                          |

| Drying Information | 5°C    | 15°C   | 25°C    | 35°C   |
|--------------------|--------|--------|---------|--------|
| Touch Dry          | 3 hrs  | 2 hrs  | 1.5 hrs | 1 hr   |
| Hard Dry           | 24 hrs | 18 hrs | 14 hrs  | 12 hrs |
| Recoat             | 24 hrs | 18 hrs | 14 hrs  | 12 hrs |

Drying and recoat times are dependent on temperature, humidity and film thickness.

**NOTE:** The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) are correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given is subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is updated prior to using the product.

## SURFACE PREPARATION AND APPLICATION

All surfaces must be thoroughly cleaned and free from dirt, grease, wax and poorly adhering paint. 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. Wipe with Happilac Mixing Oil T-679 to remove dirt, grease and wax. Scuff with suitable sand paper to remove rust. Wipe with Happilac Mixing Oil T-679 and apply Happilac Red Oxide Primer on all metal surfaces. Apply Happilac Synthetic Under-Coat for all wooden surfaces. Allow the surface to dry out completely, scuff the surface with suitable sand paper and dust off.

**PREVIOUSLY PAINTED SOUND SURFACES:** Previously painted sound surfaces must be thoroughly rubbed down using a suitable abrasive paper and dusted off. Remove all loose scale, defective paint and rust by thorough scraping and wire brushing. Spot prime with recommended Happilac primer and allow the surface to dry out completely. Scuff with suitable sand paper and dust off.

**FINISHING:** After surface preparation, apply 2-3 coats of Happilac Synthetic Metallic. Ensure complete drying between successive coats. Thinning ratio must be followed for application procedure.

**STIR THOROUGHLY BEFORE USE**

## RECOMMENDED PAINT SYSTEM

| Sequence | Products                    |                              | No. of Coats |
|----------|-----------------------------|------------------------------|--------------|
| Primer   | Metal                       | Happilac Red Oxide Primer    | 1            |
|          | Wood                        | Happilac Synthetic Undercoat |              |
| Finish   | Happilac Synthetic Metallic |                              | 2-3          |

Consult Happilac Paints representative for the system best suited for surfaces to be painted.

## HEALTH & SAFETY

- Must use goggles and gloves at the time of application
- A suitable dust mask must be worn when rubbing down
- Do not smoke while applying paint
- Keep doors and windows fully open to ensure proper ventilation when applying paint
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- In case of contact with skin, remove splashes from skin using soap and water
- Do not breathe spray mist or dust
- Swallowing can result in nausea, vomiting and irritation of gastrointestinal tract
- This container is only for paint use. Do not use it for edible storage
- In the event of an accident, collect spillage using sand or earth
- Do not empty into drains or watercourses
- Toxic to aquatic environment
- Toxic by inhalation. If inhalation causes physical discomfort, move to fresh air. If discomfort persists or any breathing difficulty occurs, seek medical advice and show container label to doctor
- Keep out of reach of children
- Protect from extreme temperatures. Store in a cool and dry place
- Safety data sheet available for professional users on request

**WARNING:** Scraping/sanding off previously painted surfaces may release hazardous dust or fumes which are highly toxic. Take protective measures thoroughly when rubbing off the old surfaces.

*The information provided in this data sheet is accurate and authentic to the best of our knowledge and based on standard tests. However, results may vary due to possible variations in field conditions and application procedures.*