SYNTHETIC ENAMEL PREMIUM

ASTRAL PAINTS

TECHNICAL DATA SHEET
VER NO. 01 | DATE: 20.05.2024

Astral Premium Synthetic Enamel is an alkyd-based topcoat formulated with highly opaque and light fast pigments ensuring high coverage, excellent gloss and durability. Recommended for suitably primed metal, wood and concrete surfaces.

PRODUCT BENEFITS/FEATURES

HIGH GLOSS

EXCELLENT DURABILITY

SMOOTH FINISH

EXCELLENT HARDNESS

STAIN RESISTANT

HOW TO APPLY

SURFACE PREPARATION: For best results, proper surface preparation is essential. The surface to be painted should be clean, dry and free from dust, dirt or loose particles, grease, chalking, etc. All the surfaces to be painted should be sanded with emery paper 180 and cleaned thoroughly before application.

APPLICATION

PRIMER: Apply a coat of preferred Astral Primer (Depending on the type of surface to be painted) and let it dry for 6 - 8 hours.

PUTTY: Apply a coat of preferred Astral Putty to level the surface and let it dry for 6 - 8 hours. Sand with emery paper 180 and wipe clean.

PRIMER: Apply a second coat of Astral Primer to avoid patchy appearance and let it dry for 6 - 8 hours.

TOPCOAT: Thin a litre of Astral Premium Synthetic Enamel with 80 - 100 ml of pure mineral turpentine. Apply 2 coats of paint with an interval of 8 hours between successive coats.

AREAS OF APPLICATION

Wall

Metal Surfaces

Packaging

Finish

Glossy

Smooth

Coverage

On Smooth Flat Wall/Mild Steel Surface by Brushing

17-20 sq.m./litre/coat**

***Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity.

POST PAINTING CARE

For the best performance of the paint, ensure proper washing and cleaning of all algal and fungal growth, if any, at regular intervals of six months.

COLOURS AVAILABLE

As per the Astral Paints shade card and fandeck

TECHNICAL DETAILS

DRYING TIME
Surface dry time 3 hours

WASHABILITY
Best-in-Class

RECOATING TIME
8 hours at 30°C and 65% RH

FLASH POINT IS101/1987 PART 1, SEC 6
> 30°C [85°F]

SHEEN LEVELS
75 – 85 at 20 GH

STABILITY OF THINNED PAINT
To be used within 24 hours

RECOMMENDED SYSTEM FOR APPLICATION

FOR NEW MASONRY SURFACES

Step 1 Astral Premium ST Primer (1 coat) - Dry in 8 hours
Step 2 Astral Smooth Cement Putty - Dry in 6 - 8 hours
Step 3 Astral Premium ST Primer (1 coat) - Dry in 8 hours
Step 4 Finish Astral Premium Synthetic Enamel (2 - 3 coats), Dry minimum 8 hours in between coats

FOR METAL SURFACES

Step 1 Astral Red Oxide/Yellow Oxide Metal Primer (1 coat) - Dry in 8 hours
Step 2 Astral Knifing Paste Filler - Air Dry in 8 hours and skuff
Step 3 Astral Red Oxide/Yellow Oxide Metal Primer (1 coat) - Dry in 8 hours
Step 4 Finish Astral Premium Synthetic Enamel (2 - 3 coats), Dry minimum 8 hours in between coats

- Sand the surface with emery paper and wipe clean before application on subsequent coats.

SAFETY FEATURES

- Kindly refer to the MSDS for Astral Primer which gives detailed information on safety measures while handling the primer.
- Store the container with the lid tightly closed in an upright position, in a cool, dry place.
- Keep out of reach of children and away from food, drink, etc.
- May be harmful, if swallowed. In case of ingestion, seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapour or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water courses.
- In the event of spills, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.

PRECAUTIONS

- This product is Flammable.
- Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hours of application.
- Do not over-thin the paint.
- Work in a well-ventilated place. Wear protective clothing like overalls and gloves. Store the product at ambient conditions in well ventilated locations and away from source of ignition and fire. Do not over-thin or over-extend the brush.
- Avoid eye and skin contact. In case of eye and skin contact wash with plenty of clean water.
- Do not inhale or inject. In case of inhalation move to fresh air. Seek medical attention if symptoms persist in both the cases.
- Use protective equipment like rubber/polythene gloves, safety goggles/glasses and face mask while handling the paint.
- Shake the container well before opening, Incase if settling is noticed, homogenize the material by mixing and strain through a fine sieve before use.

DISCLAIMER: This technical data sheet replaces all previous versions of it from the immediate effect. The information, and, in particular, the recommendations relating to the application and end-use of this product, are given in good faith based on our knowledge and experience of the products when properly stored, handled and applied under suitable favourable conditions in accordance with application instructions recommended in product technical data sheet. It is for guidance only. The physical value may vary due to normal manufacturing tolerance, colour and testing variances. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. For the products on which company is offering warranty, please refer to warranty document to know entire terms and conditions. The same can be availed on request or from company website. The values mentioned in the above tables in technical data sheet are obtained in controlled lab conditions when tested properly by competent laboratory. Tolerance up to five to ten percentage on the lower side from the above values are allowable. Astral Coatings Private Limited reserves the right to change the properties of its products without notice. The end user of the product must test the product's suitability for the intended application and purpose. Astral Coatings Private Limited will not bear any responsibilities on the product failure if it is wrongly positioned or if improper application methodology is adopted by the user or the applicator. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product technical data sheet for the product concerned, copies of which will be supplied on request. No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, customer is responsible for determining whether products and the information in this document are appropriate for the customer's use and for ensuring that the customer's workplace, and disposal practices are in compliance with applicable laws and other governmental enactments.

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