RAGA

POPULAR EXTERIOR EMULSION

ASTRAL PAINTS

TECHNICAL DATA SHEET
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Astral Raga Popular Exterior Emulsion is an economical water thinnable exterior wall finish suitable for dry to moderately humid climatic conditions. Being water thinnable and formulated to protect light fastness of its colour under normal exposure conditions. It is an ideal substitute for ordinary paints. Formulated with right balance of biocides, it keeps your exterior surfaces algae and fungus free.

PRODUCT BENEFITS/FEATURES

4 YEARS WARRANTY

- COLOUR RETENTION
- ALGAE RESISTANT
- GOOD COVERAGE
- EASE OF APPLICATION

HOW TO APPLY

SURFACE PREPARATION: For best results, proper surface preparation is essential. Newly plastered surfaces should be allowed to cure completely. The surface to be painted should be clean, dry and free from dust, dirt or loose particles, grease, chalking, etc. Any previous growth of fungus, algae or moss needs to be removed thoroughly by vigorous wire-brushing and high pressure water jet cleaning. All structural holes, dents, fine cracks must be filled with suitable cement based fillers. All seepage or leakage should be properly repaired. All fungus/algae-affected areas must be treated.

APPLICATION

PRIMER: Apply a coat of Astral Exterior Wall Primer and allow drying for 4 - 6 hours.

TOPCOAT: Thin a litre of Astral Raga Popular Exterior Emulsion with 700 - 750 ml of water. Apply 2 - 3 coats of paint with an interval of 3 - 4 hours between successive coats. Dark shades may require additional coat for proper hiding.

AREAS OF APPLICATION

- Plastered Surfaces
- Asbestos
- Brick Work
- Concrete

Packaging

Finish

Matt Smooth

Coverage

On normal masonry surface by brush/roller/spray

9-11 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 algae and fungal growth at regular intervals of six months.

COLOURS AVAILABLE

More than 1400+ refreshed colour shades, currently available as per the Astral Paints shade card and fandeck

TECHNICAL DETAILS

DRYING TIME
Surface dry time 30 minutes

WASHABILITY
Medium

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

FLASH POINT IS101/1987 PART 1, SEC 6
N / A

SHEEN LEVELS
2 - 5 at 60° GH

STABILITY OF THINNED PAINT
To be used within 24 hours

DRY FILM THICKNESS/COAT
20 - 25 microns

VOC CONTENT
< 50 gm/litre

RECOMMENDED SYSTEM FOR APPLICATION

Step 1 Primer# (1 Coat) - Dry in 4 - 6 Hours

Step 2 Finish Astral Raga Popular Exterior Emulsion (2 - 3 coats*), Dry minimum 3 - 4 hours in between coats

- #Astral Premium Exterior Primer/Astral Dual Popular Interior Exterior WT Primer
- *Some dark shades may require 3 or more coats to get proper hiding

SAFETY FEATURES

- Kindly refer to the MSDS for Astral Exterior Wall 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.
- Safety Data Sheet available for professional user on request.
- No added Lead, Mercury or Chromium compounds.

PRECAUTIONS

- 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.
- In high-humidity areas, make sure to remove surface fungus growth, fungal spores, mould etc. before application of paint.
- Do not over-thin the paint.
- Thinned paint should be used within 24 hours.
- Tint using Astral Paints machine tinters only.
- Tinted paints need thorough shaking/mixing immediately after tinter addition as well as before use.
- Primer coat or only one coat of top coat should not be exposed in the monsoon. Complete application before monsoon needs to be completed.

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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