

ULTRA WEATHERPROOF EXTERIOR EMULSION

GrowGuard Ultra Weatherproof Exterior emulsion paint is a long lasting high durable smooth exterior paint designed specifically for tropical high humid Indian climate to withstand extremes of rainfall, temperature variation, dirt and microbial infestations on exterior walls. Formulated with 100 % pure Acrylic co-polymer emulsion fortified with advanced antialgal & antifungal additives, colourfast pigment & inert fillers, Growguard Ultra ensures long term UV

protection for colour retention, dirt pick up resistance and retention of film integrity under harsh environmental conditions.

Water Based; No added Lead, Mercury and other heavy metals

The product offers comprehensive performance warranty of 5 years if applied over Growguard exterior primer as per recommended DFT.

PRODUCT ATTRIBUTES:



Durable & Long-Lasting finish



Long term colour and look retention.



Smooth finish with soft sheen.



Excellent Algal & Fungal resistance.



Good Dirt Pick up Resistance (DPUR).



Excellent adhesion & Washability.



Excellent Water and alkali resistant



APPLICATION GUIDELINES:

Composition

Application Tool - Brush or Roller or spray

Thinner for Dilution & Cleaning - clean soft Water

Dilution Recommendations:

- Growguard Exterior Primer - 80-100 % by volume with water
- Growguard Ultra Exterior Emulsion finish - 35-45 % By volume with water

Recommended Painting System -

- For non- coastal market -Growguard Exterior primer - 1 coat followed by 2 coats of Growguard Ultra emulsion paint.
- For Coastal Market - Growguard plus exterior primer -1 coat followed by 2 coats of Growguard Ultra Topcoat.

For coastal market and for walls with high dampness use of Growguard dampproof base coat is recommended as primer coat.

TECHNICAL DATA OR SPECIFICATION:

Colour - As per Shade Card & Custom Colours.

Finish - Smooth finish with soft angular Sheen.

Specific Gravity - 1.34 ± 0.05

Spreading Capacity - 50 - 60 sq.ft / litre / 2 coats (100-120 sq ft / lit per coat)

(Actual Spreading may vary depending on substrate condition & application method. Deep shades may require additional coats for proper hiding).

Drying Time at 30°C -

- Touch Dry - 30 -40 min.
- Recoatibility - 6 - 8 hours. (depending on Temperature, humidity, Air Movement, Film Thickness & number of coats).

Stability of Diluted Paint - To be used within 24 hours.

Shelf Life - 3 years from date of manufacture in original sealed container, away from direct sunlight and excessive heat.

Flash Point (IS 101 / 1987 : Part 1) -

Material is not flammable .

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SURFACE PREPARATION STEPS:



Curing of Plaster: New masonry surfaces/plaster must be allowed to cure completely for minimum 28 days to ensure full cure prior to painting.



Cleaning of the surface: Clean the surface with high pressure water jet / wire brush to ensure that the surface to be painted is free from any loose paint, powdery material, dust, oil & grease, fungus, moulds and algae infestation.



Anti-Fungal Treatment: Apply a coat of commercial bio wash if patches of black mould or algae are still visible after cleaning. Allow antifungal coat to air dry for 4 - 6 hrs. or overnight before the start of painting.



Repairing of Cracks and dents present on the surface: Repair minor cracks (less than 3 mm) with exterior cement putty and larger cracks and dents with polymer-based repair mortar. Surface imperfections such as holes & bigger cracks are to be opened up first in "V" shape & filled with an appropriate crack filling material or with a mixture of white cement & fine sand (in the ratio of 1:3). Allow time interval of about 6-8 hrs. between coats.

PAINT APPLICATION PROCEDURE:

- For thoroughly cured new masonry / freshly plastered surface, apply 1st coat of Growguard exterior primer as sealer coat.
- For walls having surface dampness more than 10% it is recommended to first give a water proofing treatment with repair mortar to control dampness. Thereafter apply Growguard – damp proof Base coat by diluting 1 litre of Growguard - Base coat with maximum 300-350 ml of water, uniformly on the surface.
- Allow the base coat to air-dry for 4 - 6 hrs. before application of Growguard ultra Exterior Topcoat.
- Apply 1st coat of Growguard Ultra Exterior Topcoat by brush after diluting 1 litre of Paint with maximum 350-450 ml with water.
- Allow the film to dry for 4-6 hours
- Apply second coat of Growguard Ultra topcoat after dilution with 250-300 ml water by roller or spray
- Ensure that the horizontal surfaces like top of window slabs, chajjas, top surface of parapet areas are painted with an additional coat of Growguard Long life topcoat for greater protection.
- For extremely rough texture surface apply topcoat by brush only to ensure all grooves and dents are well covered.

RECOMMENDED CARE POST PAINTING:

To enhance best performance and visual appearance of the painted wall, it is advisable to wash the surface with clean water at regular intervals e.g. once in every 6 months to ensure cleaning of loosely held dust, algal & fungal spores, if any.

PRECAUTIONS:

- Stir well & strain before use.
- Prior to use, read and follow product specification & label information.
- Avoid contact with eyes & skin.
- Use safety equipment's like rubber or polythene gloves, safety goggle / glasses and face mask.
- Prior to painting, ensure that the surface is dry. In case of any dampness, find out the source of water & repaired it.
- pH of wall to be below 12, if higher use Growel's Sealer coat, as recommended.
- Do not apply when ambient temperature is less than 10°C or above 45°C.
- Do not apply during rains or when it is expected to rain.
- Do not over-thin or over-extend the brush.
- Do not carry out tinting at site.
- For extremely rough surface, carry out painting process by brush.
- Paint will not cover existing cracks, proper care to be taken at the time of surface preparation.
- Primer coat or only one coat of topcoat should not be kept exposed in monsoon. Complete application before monsoon to be ensured.
- Please avoid movements of heavy & sharp equipment's / objects etc. on the surface.

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SAFETY FEATURES:

- Kindly refer to the MSDS of the product for detailed information on safety measures - handling the paint etc.
- Store the container with the lid tightly closed in an upright position, in a cool, dry place.
- Keep out of reach of children & away from eatables.
- In case of ingestion seek immediate medical attention.
- Wear safety goggles during application. In case of contact with eyes, rinse immediately with plenty of water & seek medical advice.
- In case of skin contact immediately wash skin with soap & plenty of water. Get medical attention if irritation persists.
- It is recommended to wear suitable face mask during sanding & surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water courses.
- Consumers should consult a local recycling agency for proper disposal of left over paint/drums.

FREIGHT CLASSIFICATION: PAINT

PACKAGING:



LIMITATION OF LIABILITY:

TO THE BEST OF OUR KNOWLEDGE, THE TECHNICAL DATA CONTAINED HEREIN ARE TRUE & ACCURATE AT THE DATE OF ISSUANCE BUT, ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.