

GROWGUARD DAMP PROOF BASE COAT CUM EXTERIOR PRIMER

Growguard Damp Proof base coat cum exterior primer is a specially formulated waterproofing base coat cum primer for application on concrete and masonry surfaces where surface dampness is higher than 8%. The elastic nature of this primer helps arresting damp coming through water seepage, wind driven rain, leaky pipeline and subsoil water level. This primer forms a sound base for application of subsequent exterior emulsion top coat and is strongly recommended for high coastal areas where

waterproofing warranty is required. Damp proof primer is the ideal choice to enhance the overall longevity and anti-algal performance of exterior painting system. It is advisable to use additional coat of Damp Proof primer especially on horizontal surfaces such as terraces, slanting tile roofs, window chajjas, parapet, edges, areas forming water pockets etc to ensure full protection against damp.

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

PRODUCT ATTRIBUTES:

-  Formulated with elastic as well as tough acrylic polymers with ability to form adherent membrane like film on surface.
-  Resist positive and negative hydrostatic pressure of water.
-  Excellent hydrophobic property and UV stability.
-  Excellent anti algal and anti- fungal performance.
-  Superior elongation and crack bridging property.
-  Good Anti Carbonation Property.
-  Excellent adhesion on masonry and cementitious surfaces.
-  Water based, easy Application by brush and roller.
-  Can act as a primer as well as waterproofing base coat below exterior emulsion top coats



APPLICATION GUIDELINES:

Application Tool - Brush or Roller

Thinner for Dilution & Cleaning - clean soft Water

Dilution - 30-35% by volume with water

Recommended Painting System:

- a. Growguard Damproof Base Coat - 1 coat primer by brush on vertical areas & two coats on horizontal and slanting areas for additional protection against damp.
- b. Growguard Long Life Exterior Topcoat - 2 coats as per recommended dilution.
- c. For best performance Damproof primer should be applied at 40-50micron DFT on vertical walls and 80-100 micron DFT on horizontal walls.

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TECHNICAL DATA OR SPECIFICATION :

Colour – – White.

Finish – Smooth finish with eggshell appearance.

Specific Gravity – 1.26 ± 0.03

Spreading Capacity:

a. 80- 100 sq.ft / litre / coat on vertical walls to achieve 50 micron DFT

b. 30-35 sq ft / lit / 2coat on horizontal walls to achieve 140-150 micron DFT (for additional water proofing protection).

Recommended dilution – 20-30% by volume)

Drying Time at 30°C –

a. Touch Dry – 2 hours.

b. Recoatability – 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 inflammable.

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.



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PAINT APPLICATION PROCEDURE:

- For new masonry / freshly plastered surface, apply 1st coat of Growguard – Base coat cum primer by diluting 1 litre of Growguard damp proof Base coat with maximum 300-350 ml of water, uniformly on the surface. Allow base coat to air-dry for 4 - 6 hrs.
- For horizontal areas apply a second coat of Growguard damp proof base coat for additional protection
- After 6 hours drying apply two coats of Growguard Long Life Exterior top- coat as per recommendations
- Ensure application temp is maintained in between 10 -35 deg C. Do not paint while raining.

RECOMMENDED CARE POST PAINTING :

To enhance best performance and long lasting appearance of the painted wall, it is advisable to wash the full system painted surface

with clean water at regular interval e.g. once in every 6 months to ensure removal of dust, fungal and algal spores on the walls.

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.

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.

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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.