

## GROWGUARD PLUS EXTERIOR WALL PRIMER

Growguard Exterior wall primer is a specially formulated alkali resistant primer based on ultra- fine particle acrylic co-polymer emulsion designed specifically for providing strong bonding on exterior masonry walls and concrete surfaces. This product exhibits superior surface sealing and chalk binding abilities and forms an integral bond with emulsion

based exterior topcoats to ensure longer durability and resistance to peeling. The product is fortified with a proven biocidal package to resist algae and mould growth on walls.

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

### PRODUCT ATTRIBUTES:



Formulated with tailor-made acrylic co-polymers emulsion, inert fillers & additives



Strong alkali resistance



Does not require curing with water



Excellent opacity and whiteness



Excellent surface bonding and binding power with chalky material



Good penetration & sealing properties



Improves appearance and durability of top-coat



### APPLICATION GUIDELINES:

**Application Tool** - Brush or Roller

**Thinner for Dilution & Cleaning** - clean soft Water

**Dilution** - 80-100 % by volume (Depending on application requirement)

**Recommended Painting System** -

- a. Growguard Plus Exterior primer - 1 coat.
- b. Growguard Exterior emulsion top-coat - 2 coats.

## **GROWGUARD PLUS EXTERIOR WALL PRIMER**

### **TECHNICAL DATA OR SPECIFICATION :**

**Colour** – – White.

**Finish** – Smooth matt finish.

**Specific Gravity** –  $1.4 \pm 0.03$

**Spreading Capacity:**

a. 100-120 Sq. feet / litre / coat on smooth vertical walls. (Actual Spreading may vary depending on application method, substrate condition and roughness and loss factor Recommended dilution – 20-30% by volume)

**Drying Time at 30°C –**

a. Touch Dry – 2 hours.

b. Recoatability – 4 – 6 hours.

(Depending on ambient temperature, humidity, air movement, film thickness ).

**Stability of Diluted Paint** – To be used within 24 hours.

**Shelf Life** – 2 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:**



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



Scrape off old paint, loose flakes, powdery material, dust, oil & grease, fungus, moulds and algae infestation from the surface using wire brush.



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.



Do not apply this primer directly on areas that are subjected to continuous seepage or dampness. In such case use of suitable damp block treatment is recommended to reduce surface dampness prior to painting. Repair minor cracks (less than 3 mm) with Growel cement putty or acrylic wall putty. Larger cracks and dents should be filled 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:

- Ensure moisture content on the wall surface is below 12% and PH value is in between 7-11 prior to application of primer.
- Dilute 1 lit of Grow Guard Plus Exterior Primer with 800-1000 ml of clean portable water. Mix thoroughly to homogenize.
- Apply 1 coat of Growguard Plus Exterior Primer uniformly on the surface by brush. Ensure all grooves and dents are well covered.
- Allow the primer coat to air-dry for 4- 6 hrs. before application of recommended topcoat.
- Fill minor cracks, if any, fill with cement putty. Allow it to dry for 6 hrs and then sand with 180/ 320 emery to smoothen the surface. Touch up the putty area with additional coat of primer and allow the same to dry.
- Then apply recommended top- coat.
- Do not apply when ambient temperature is less than 10°C or above 45°C.

### 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.