



SEEP GUARD VERTICAL SURFACES

*White Cementitious One Component
Heat Reflecting Waterproof Coating
for Exterior Vertical Plastered Walls*

Seep Guard Vertical Surfaces is a Polymer Modified, White Cementitious, Elastomeric, High Performance Coating System for exterior vertical plastered wall/concrete surfaces. It is formulated with Elastomeric German polymers and white cement. It covers all hairline cracks present on the surface and ensures that water does not seep in through the walls. Thus, it protects the structure from water-related damages & protect the top coat paint life.

Application Areas

- All types of new & existing exterior concrete, RCC & Cementitious surfaces
- Exterior walls of Bungalow, Exterior walls of Building

Product Features & Benefits

- **Waterproofing:** Waterproofing protection of up to 5 bars of positive hydrostatic pressure
- **Adhesion:** Very strong adhesion with RCC, concrete & cementitious surfaces
- **Durability:** Protects your building surface from leakage & seepage damages
- **Elastomeric:** It has highly elastomeric properties to withstand stress caused by thermal expansion & contraction
- **Crack Bridging:** Excellent crack bridging properties due to presence of German Elastomeric polymers
- **Use & maintenance:** This is a single pack, white cement-based polymer modified powder product

- **Anti-Efflorescence:** This product resists Efflorescence & provides long lasting effect
- **Heat Reflective and UV resistant:** Due to White Cement & white additives based, it is superior UV resistant reflective coating & provides heat reduction by 8-10°C, when applied on surfaces exposed to sunlight
- **Eco-friendly:** Zero Volatile Organic Compound (VOC)
- **Algae & Fungi Resistant**
- **Warranty:** This product provides 8 years waterproofing warranty

Packaging

- 15 Kg

HOW TO APPLY

Surface Preparation

- Remove all the loosely adhering material like, dirt, dust, organic solvent (de-shuttering/curing free compound) & oil etc. from the surface by using emery paper, chisel or wire brush etc.
- On repainting surfaces, chip off the old paint from the surface where Seep Guard Vertical Surfaces can be applied.
- In case of efflorescence, surface should be cleaned thoroughly to remove all loose particles from the surface.
- Wash the surface properly with clean water & allow the surface to dry completely before application of the product.
- Surface cracks must be filled (<3mm) by crack filler products & bigger cracks, damaged portion and hollow areas must be repaired by Birla White Levelplast (polymer cement modified mortar product).

Priming Coat

- Slowly add 1 kg of the product with 100% clean water (1 Kg of the product + 1000 ml water) to make slurry.
- Leave the slurry for 5 minutes after thorough mixing to get the best performance. Prepared slurry should be used within 1-1.5 hours.
- After thorough mixing apply priming coat on the clean & dry wall/substrate surface uniformly with the help of painting brush.

1st and 2nd Coat

- Slowly add 1 kg of the product with 60-65% clean water (1 Kg of the product + 600-650 ml water) to make slurry.
- Mixing should be carried out preferably by a mechanical stirrer (3-5 minutes).
- After thoroughly mixing, apply two coats of the product in a crosswise direction at 4-6 hour intervals for better adhesion and coverage.
- Allow the surface to dry completely, preferably for 10-12 hours before applying other top coat paint products.
- The total thickness of both the coats should be limited to maximum 1 mm.

Exterior Primer and Exterior Emulsion application

- Apply single coat of Exterior Primer by brush/roller and allow it to dry for 3-4 hours. For best results, use Birla White Prima Coat Exterior Primer.
- After primer application, apply Exterior Emulsion top coat paint which provides Waterproofing protection.

TECHNICAL INFORMATION

Properties	Seep Guard Vertical Surfaces	Test Method
Tensile Adhesion Strength (pull off) (n/mm ²) @ 28 days	1.59	ASTM D7234
Water Impermeability (Against Hydrostatic Pressure) (Bar)	Positive Side: Nil @ 5 bar & 2mm @7 bar Negative Side: Pass @ 5 bar	EN 12390-8:2000
Crack Bridging (MM)	No cracking up to 1.62 mm	EN 1062-7
Alkali Resistance	No colour Change	IS 15489
Fungal Resistant	Zero rating	ASTM G 21
Coverage* Vertical Surface: Two coats on plaster/concrete surface (Priming coat with 100% +One coat with 60-65%, Sqft/Kg)	24-26	In-House
Coverage* Vertical Surface: Three coats on RCC/concrete surface (Priming coat with 100 %+Two coat with 60-65%, Sq.ft./Kg)	14-16	In-House
Pot Life, hrs.	1.5	In-House
Reduction of surface temp. at Noon time (°C)	8-10	In-House

*This value is on ideal concrete surface; however, this may change according to surface pattern/ texture.

Shelf Life

9 months from the month of manufacture in unopened & proper storage conditions.



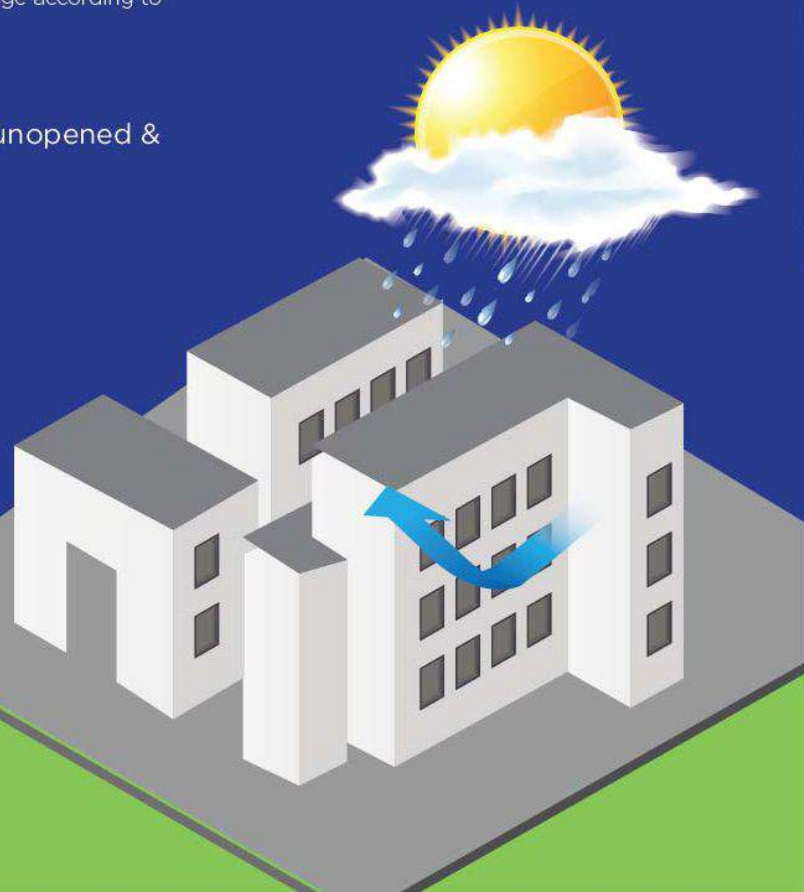
Unmatched Whiteness



Highly Water Resistant



Surface temperature reduction





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