

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, High Performance Coating System for exterior vertical plastered wall/ concrete surfaces. It is formulated with German polymers and white cement. It 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

- ▶ **Highly Water Resistant:** 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
- ▶ **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
- ▶ **Food Grade Certified:** The product is certified from Central Food Technological Research Institute and is safe to be applied in water tanks, reservoirs, etc.

Packaging

- ▶ 15 Kg

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 (hours)	1.5	In-House
Reduction of surface temp. at Noon time (°C)	8-10	In-House
Food Grade Certification	Pass	CFTRI Certification

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



Shelf Life

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



Unmatched Whiteness



Highly Water Resistant



Surface Temperature Reduction



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 Seep Guard Crack End & 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/roller

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 & Exterior Emulsion Application

- ▶ Apply single coat of Birla White ActivCoat Exterior primer by painting brush/roller and allow it to dry for 3-4 hours
- ▶ After primer application, apply Exterior Emulsion top coat paint which provides Waterproofing protection



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WATERPROOFING SOLUTIONS

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