



SEEP GUARD HORIZONTAL SURFACES

*White Cementitious One Component
Heat Reflecting Waterproof Coating for
Roofs & Terraces*

Seep Guard Horizontal Surfaces is a Polymer Modified, White Cementitious, Elastomeric, High Performance Coating System for horizontal RCC, concrete & cementitious surfaces. It is formulated with German Elastomeric polymer and white cement. It combines the benefits of heat reduction and waterproofing in a single product.

Application Areas

- All types of new & existing horizontal concrete, RCC & Cementitious surfaces
- Building roofs & terraces, Water Tanks, Balconies, Swimming pools, Basements, Parking

Product Features & Benefits

- **Waterproofing:** Waterproofing protection of up to 7 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:** It is superior UV resistant reflective coating & provide heat reduction by 6-8°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.
- 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).

Mixing

- 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 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.
- For best performance on terrace, ensure that the product is applied on the entire roof including parapet wall.
- The total thickness of both the coats should be limited to maximum 1.5 mm.



TECHNICAL INFORMATION

Properties	Seep Guard Horizontal Surfaces	Test Method
Tensile Adhesion Strength (pull off) (n/mm ²) @ 28 days	2.21	ASTM D7234
Water Impermeability (Against Hydrostatic Pressure) (Bar)	Positive: Nil at 7 bar & 4mm @10 bar Negative: Pass @ 5 bar	EN 12390-8:2000
Crack Bridging (MM)	No cracking up to 2.10 mm	EN 1062-7
Alkali Resistance	No colour Change	IS 15489
Fungal Resistant	Zero rating	ASTM G 21
Coverage* Horizontal Surface: Three coats on RCC/concrete surface (Priming coat with 100% + Two coat with 60-65%, Sq.ft./Kg)	12-13	In-House
Pot Life, hrs.	1.5	In-House
Reduction of surface temp. at Noon time (°C)	6-8	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.



Highly Water Resistant



Surface Temperature Reduction



UV Resistant





SEEP GUARD

WATERPROOFING SOLUTIONS

HORIZONTAL SURFACES

