



## SEEP GUARD INTERIOR SURFACES

*White Cementitious One Component Waterproof Coating for Bathroom, Kitchen, Sunken Areas & Interior Walls*

Seep Guard Interior Surfaces is a Polymer Modified, White Cementitious, Elastomeric, High Performance Coating System suitable for masonry & concrete surfaces. The product can be used for both positive & negative waterproofing. It covers hairline cracks on the surface and ensures that water doesn't seep in through the walls, floors, and ceiling. Thus, it protects the structure from water-related damages.

### Application Areas

- Positive & negative side for Waterproofing on specially Masonry surfaces, Concrete surfaces
- Sunken areas like bathrooms, Kitchen sinks
- Interiors like Living rooms, Bedroom
- Water tanks

### Product Features & Benefits

- **Waterproofing:** Waterproofing protection of up to 3 bars of positive & negative hydrostatic pressure
- **Adhesion:** Very strong adhesion with masonry & concrete 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
- **Eco-friendly:** Zero Volatile Organic Compound (VOC)
- **Algae & Fungi Resistant**
- **Warranty:** This product provides 5 years waterproofing warranty

### Packaging

- 2 Kg, 10 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 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).
- Leave the slurry for 5 minutes after thorough mixing to get the best performance. Prepared slurry should be used within 1-1.5 hours.

### 1st and 2nd Coat

- After thorough mixing apply first coat on the clean & dry surface uniformly with the help of painting brush.
- Allow the surface to dry for at least 4-6 hours & then apply second coat of the product. Application of second coat must be applied in crosswise direction for better results.
- Leave the surface to dry completely preferably 10-12 hours before application of other top coat products.
- The total thickness of both the coats should be limited to maximum 1.5 mm.
- Re-plaster the surface. Allow the plastered surface to cure for 7 days before the application of two coats of Birla White WallSeal Waterproof Putty. Follow the SOP provided on the Birla White website.
- Apply Interior primer followed by top coat paint to get superior finished surface.





## TECHNICAL INFORMATION

| Properties  | Seep Guard Interior Surfaces                                  | Test Method     |
|---|---|-----------------|
| Tensile Adhesion Strength (pull off) (n/mm <sup>2</sup> ) @ 28 days | 1.44  | ASTM D7234      |
| Water Impermeability (Against Hydrostatic Pressure) (Bar)           | Positive: Nil @ 3 bar & 3mm @ 5 bar<br>Negative: Pass @ 3 bar | EN 12390-8:2000 |
| Crack Bridging (MM)   | No cracking up to 1.28 mm                                     | EN 1062-7       |
| Alkali Resistance   | No colour Change  | IS 15489        |
| Fungal Resistant  | Zero rating   | ASTM G 21       |
| Coverage* Two coats on Brick masonry, Sq.ft./Kg                     | 10-12   | In-House        |
| Pot Life, hrs.  | 1.5   | In-House        |
| Reduction of surface temp. at Noon time (°C)                        | 5-7   | 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.



**Superior Coverage**



**Highly Water Resistant**



**Anti-Efflorescence**





# SEEP GUARD

WATERPROOFING SOLUTIONS

INTERIOR SURFACES

