

SEEP GUARD SEEP BLOCKER PRO 2K

High Performance white cementitious + Polymerised 2K waterproof coating for roofs, water tank and swimming pool

An exceptional performance two-component acrylic polymer-modified cementitious coating that ensures strong bonding, superior waterproofing, and excellent resistance to hydrostatic water pressure. It is formulated with high-grade White Portland cement, meticulously graded White Silica sand, special additives, and Acrylic Polymer emulsion as a binder. By creating a highly elastic seamless coating on applied concrete or masonry surfaces, it delivers reliable protection against water damage.



Application Areas

- Positive & negative side for Waterproofing on specially Masonry surfaces like Brick wall, AAC wall, Hollow Block Wall, Concrete slab, etc
- Building roofs & terraces, balconies, etc.
- Water retaining structures like Swimming Pools, water tanks, etc.

Product Features & Benefits

- **Waterproofing:** Waterproofing protection of up to 5 bars of positive & negative hydrostatic pressure
- **Adhesion:** Displays strong adhesion to concrete, brickwork and corrugated asbestos cement sheets.
- **Durability:** Safeguards the building surface against the damage caused by leakage and seepage.
- **Elongation:** It has highly elastomeric properties to withstand stress resulting from thermal expansion & contraction. It offers remarkable elongation greater than 170% at break.

- **Crack Bridging:** Excellent crack bridging properties due to presence of German Elastomeric polymers
- **Food grade certified:** The product is certified from Central Food Technological Research Institute and is safe to be applied in water tanks, reservoirs, etc.
- **Use & maintenance:** This is a two-component pack containing white cement-based polymer modified powder and acrylic liquid.
- **Anti-Efflorescence:** This product resists Efflorescence & provides long lasting effect.
- **Anti-Carbonation:** Guards the concrete structure from the effects of carbonation.
- **Eco-friendly:** Zero Volatile Organic Compound (VOC)
- **Algae & Fungi Resistant:** Prevents build-up of algae and fungi on the surface.
- **Warranty:** This product provides 3 years waterproofing warranty

Packaging

- 12 Kg

HOW TO APPLY

Surface Preparation

- Ensure that the plumbing system is leak-free with a pressure test. Rectify the leakages if present before commencement of waterproofing application.
- Remove all the loosely adhering material like 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, remove the plaster up to the brick level and clean the masonry surface thoroughly.
- Surface cracks (less than 3mm) must be filled by crack filler products & bigger cracks (more than 3mm), honeycombing in concrete, damaged portion and hollow areas must be repaired by polymer modified mortar/ polymer modified fibre reinforcement repair mortar before application.
- Surface should be pre-wetted to make surface saturated dry (SSD) condition.

Mixing

- Mixing ratio - Powder: Liquid = 3:2
- Slowly add 7.2 kg of powder product with 4.8 Kg of liquid polymer 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 release trapped air, to get the best performance. Prepared slurry should be used within the pot life.

Product Application

- After thorough mixing, apply the first coat of Seep Blocker Pro 2K evenly with a paintbrush on the prepared surface.
- Let the surface dry for 5-6 hours, then apply the second coat of Seep Blocker Pro 2K in a crosswise direction for better results.
- **For roofs and terraces**
 - Post first coat, apply a reinforcement layer of fibre glass cloth when the first coat is wet and allow it to touch dry for 2 - 4 hours.
 - Apply 2nd coat and 3rd coat of Seep Blocker Pro 2K in crosswise direction for better results, interval between two coats at least 6 to 8 hrs (Drying depends on ambient temperature).
 - The overall consumption should be 1 kg slurry in 4.3 sq.ft. area in 3 coats.
- The treatment for all application areas should be left as is for 3-5 days to air cure before carrying out ponding test.

Ponding Test

- Conduct a 48-hour ponding test at a 50mm depth after closing all outlets and address any water seepage or leakage with remedial actions.

Protective Screed

- After successful ponding test, apply a 10mm Cement/Sand (1:4 ratio) protective screed with an integral waterproofing compound over the membrane.
- If drainage pipes are laid on floor, the screed's minimum thickness should be 20 mm.
- **For roofs and terraces (Brick Bat Coba Waterproofing)**
 - Upon successful completion of the ponding test, lay brick bats (broken bricks) using an integral waterproofing compound.
 - Give finishing on the top with China mosaic overlay with 20mm thick bed mortar of cement and sand in ratio 1:4, admixed with integral waterproofing compound.

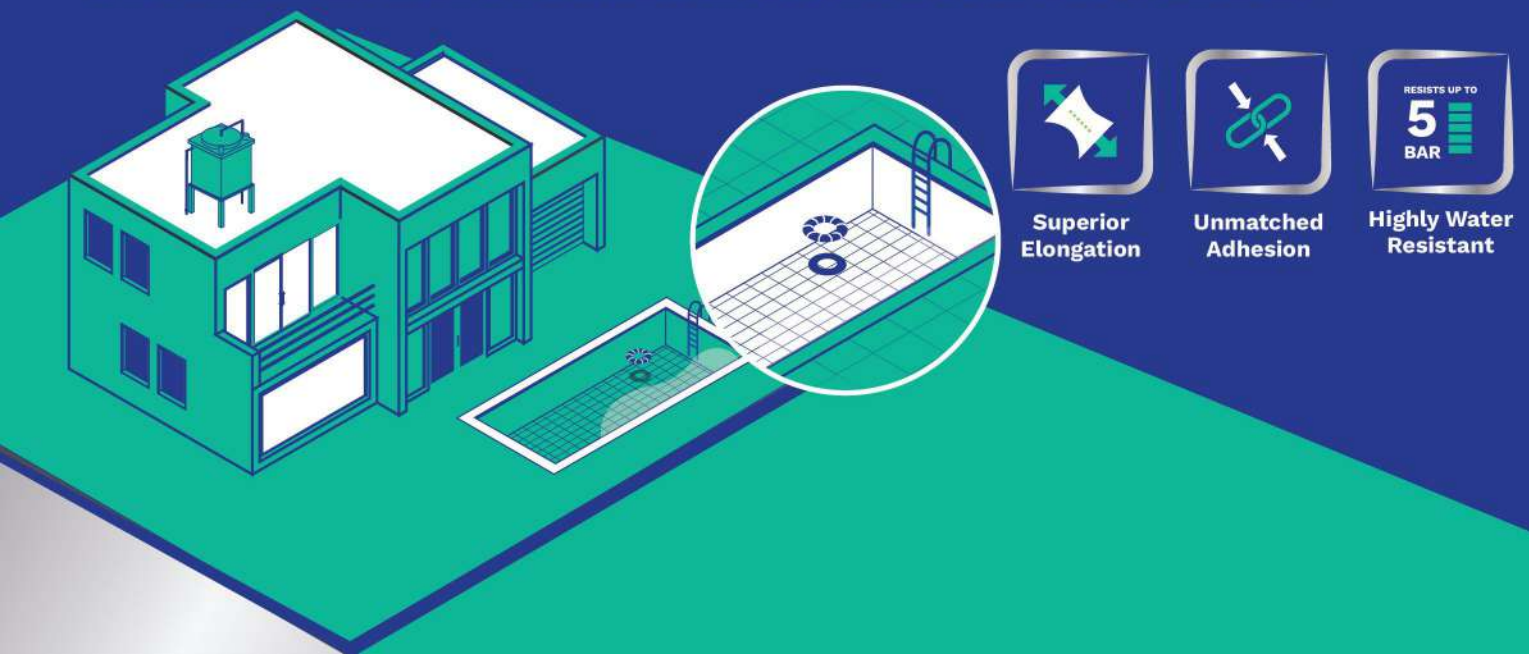
TECHNICAL INFORMATION

Properties	Seep Guard Seep Blocker Pro 2K	Test Method
Mix ratio by weight (Powder: Liquid)	3:2	
Surface Dry Time, minutes	60	ASTM D 1640
Recoatibility Time, Hrs	3 - 5	
Elongation at Break (%)	174	ASTM D2370-2016
Crack Bridging (mm)	No cracking up to 2.41 mm	EN 1062-7-2004
Water Permeability (Against Hydrostatic Pressure) (Bar)	Positive: Nil @ 5 bar Negative: Pass @ 5 bar	EN 12390-8-2019
Pull-off Adhesion Strength, 14 days (n/mm ²)	1.10	ASTM D7234-2022
Tensile Strength (n/mm ²)	1.22	ASTM D2370-2016
Food Grade Certification	Pass	CFTRI Certification
Water Vapor Transmission, (g/m ² /day)	26	ASTM E 96:2022
Coverage (Two coats) (Sq. ft/Kg)*	7.5 - 8.0	
Coverage (Three coats) (Sq. ft/Kg)*	3.8 - 4.3	
Alkali Resistance	No colour Change	IS 15489
Fungal Resistant	Zero rating	ASTM G 21
Pot Life @ 27°C	3.5 hrs	Third-party test result

*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.



**Superior
Elongation**



**Unmatched
Adhesion**



**Highly Water
Resistant**



SEEP GUARDTM

WATERPROOFING SOLUTIONS

SEEP BLOCKER PRO 2K

High Performance White Cementitious +
Acrylic Waterproof coating