

ShaliKote® SWP WB

Water Based High Penetrating Waterpeller



Description

ShaliKote® SWP WB is highly penetrative water-based Siloxane Silane treatment for concrete, masonry, bricks etc. and provides a durable, invisible, and highly effective water repellent film. It protects masonry surfaces from moisture absorption, dirt and dust. **ShaliKote® SWP WB** waterproofs the plaster and resists the growth of fungus on it.

It conforms to IS 12027.

Characteristics

Colour	Transparent	Density, gm / cc	1.03 ± 0.03
Theoretical Coverage, m ² / L*	5 - 6	Drying time, hrs.	4 - 5

* Depending upon surface condition, porosity. Actual consumption may vary depending on real condition

Water Absorption of Treated Masonry

Masonry Material	Exposure Hours	% of water absorption	
		Untreated	Treated
Common Brick	24	16.37	-
Common Brick	168	16.94	0.01
Mortar Cubes	72	9.05	0.65
Indiana Lime stone	72	3.77	0.16

- All samples given a 5 second dip in **ShaliKote® SWP WB**, cured for 40 hours and then immersed in ¼ " water.
- It conforms to water absorption 0.380 % ASTM C 642 / 24 hrs. and water repellency 90% as (NCHRP # 244),
- Scale resistance. No Scale as per ASTM C 672 (50 - 125 Cycle) and sealer penetration 0.34 inches.

Field of Application

- To treat above ground masonry surfaces such as brick, concrete, mortar, stucco, etc.
- For interior use, treating the joints of tile surfaces subject to contact with water, such as school corridors or washrooms.
- On stone surfaces, cladding on exteriors of buildings, concrete panels and all calcareous building materials.
- For treating plaster, other insulation and in plant treatment of masonry units.
- To treat cement painted or sand textured surface painted plaster on outside walls.

Advantages

- Invisible or transparent.
- Environment friendly
- Keeps water out but let dampness escape.
- Minimizes efflorescence.
- Reduces cracking and deterioration.
- Keeps masonry clean and anti-fungus.

Application Methodology

- Remove dust, flakes, or other foreign particles by jet or dry air and clean the surface before application.
- Cracks and open joints must be tuck-pointed.
- Silicone solutions will not cover structural defects or bridge cracks.
- Apply **ShaliKote® SWP WB** on dry surface by brush or spray.
- Do not apply **ShaliKote® SWP WB** in case of rain is expected within next 6 hours.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

Packing

Available in 5 L and 20 L container.

Storage

Store in a cool dry place under shed away from heat.

Shelf Life

12 months in original unopened sealed condition.



STP Limited
Enhancing Structures' Life

Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



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