

# ShaliKote® SWP



Solvent Based Colorless Silicon Waterpeller

STP Limited

## Description

**ShaliKote® SWP** (formerly known as Silicon Waterpeller) is highly penetrative solvent based Siloxane Silane treatment for concrete, masonry, bricks etc. and provides a durable, invisible, and highly effective water repellent film. **ShaliKote® SWP** generally dries tack-free in two to four hours. **ShaliKote® SWP** protects masonry surfaces from moisture absorption, dirt and dust. **ShaliKote® SWP** waterproofs the plaster and resists the growth of fungus on it.

**ShaliKote® SWP** is available in water base formulation with similar end properties.

It conforms to IS 12027.

## Characteristics

Colour	Transparent	Flush Point °C	38
Theoretical Coverage, m <sup>2</sup> / L*	5 - 6	Drying time, hrs	4 - 5

\* Depending upon surface condition.

### Water Absorption of Treated Masonry

Masonry Material	Exposure Hrs	% 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, 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 0.34inches.

## 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.
- Keeps water out but lets 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** on dry surface by brush or spray.
- Do not apply **ShaliKote® SWP** 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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