



## Roka Aqua Phobe - SB

### Silane and Siloxane Based Water Repellent Coating

Roka Aqua Phobe – SB is a one component water repellent coating, comprising of silane and siloxane blend. When applied to the substrate which breaks the emulsion which is converted to silicone resin water repellent. The resin penetrates deep into the open capillaries and provides durable repellence while allowing water diffusion in both directions.

### Uses & Advantages:

- Provides water repellence to concrete and masonry
- Breathable nature of the coating allows interior moisture to escape.
- Penetrates deep into the substrate to allow long-lasting protection.
- Reduces dirt penetration into pores.
- Reduces efflorescence.

### Fields of Application:

Roka Aqua Phobe - SB is used as water repellent coating for:

- Concrete and masonry.
- Cementitious rendering
- Concrete pavers and blocks.



+92 321 4543320



info@rokachemsolutions.com



rokachemsolutions.com



83 A, Block C, PAF Colony, Zarar  
Shaheed Road, Lahore Cantt, Pakistan



- Sidewalks.
- Driveways.

## Technical Information:

Chemical Base	Silane/Siloxane Blended in organic solvents
Color	Clear
Consistency	Pourable Liquid
Density	~0.8 kg/l
Flash Point	40°C
Drying Time	3 to 6 hours
Ambient Temperature	5°C to 30°C
Ambient Substrate Temperature	5°C to 30°C
Substrate Moisture Content	<5%
Relative Humidity	85% maximum
Packaging	5 and 25 liters
Shelf life	12 months if kept in recommended conditions
Storage	Store in a dry, cool area in unopened and undamaged packaging and away from direct sunlight.



+92 321 4543320



info@rokachemsolutions.com



rokachemsolutions.com



83 A, Block C, PAF Colony, Zarak  
Shaheed Road, Lahore Cantt, Pakistan



## Surface Preparation:

Before the application, the surface must be sound, dry, clean and free from any foreign contaminants like oil, grease and laitance etc. All the previous coating must be removed using light blast cleaning etc. Roka Aqua Phobe – SB will not seal cracks and voids, so it is important to fill all the gaps and voids with a suitable mortar. All the repaired areas must be left to cure for at least 72 hours before the application of the coating.

Water repellents work best when the surface is dry. If the surface has been exposed to water during cleaning or rainfall, let the surface dry for 72 hours before the application.

## Mixing:

Shake the material well before application to ensure that no settling has taken place.

## Application:

Pour the liquid into a suitable low-pressure sprayer with an adequate tip. Apply a light mist of Roka Aqua Phobe – SB to break the surface tension before the main application. Apply in a consistent manner, ensuring adequate overlap of the material when applying. Ensure that the surface is completely wetted out in one application. Apply subsequent pass “wet on wet” until the required consumption is achieved.

## Cleaning:

Wash all the tools and equipment with soap and water.



+92 321 4543320



info@rokachemsolutions.com



rokachemsolutions.com



83 A, Block C, PAF Colony, Zarar  
Shaheed Road, Lahore Cantt, Pakistan



## Health and Safety:

Use of protective clothing, safety goggles and gloves are recommended. Ensure that the area is well ventilated. Should any material come in contact with skin immediately wash with plenty of water and seek medical assistance.

## Important Note:

The information provided in this data sheet is based on ongoing development efforts and extensive field experience. While we strive to ensure the accuracy and reliability of the information, we cannot assume responsibility for any work performed using our materials, as we have no control over application methods, site conditions, and other factors. Due to ongoing research and development in our laboratories, we recommend that customers verify that this data sheet has not been replaced by a more recent publication.

All products are sold under our standard conditions of sale, which are available upon request. Any field services offered do not imply supervisory responsibility. For further information, please contact your local representative of Roka Chem Solutions.



+92 321 4543320



info@rokachemsolutions.com



rokachemsolutions.com



83 A, Block C, PAF Colony, Zarar  
Shaheed Road, Lahore Cantt, Pakistan