



AQUA REPELL SB

DESCRIPTION

AQUA REPELL SB is a solvent free silane/siloxane concentrate, dilutable in organic or silicone solvents to formulate a water repellent. Upon proper application, the formulated product will penetrate and provide water repellency by chemically reacting with the substrate. Treated surfaces are hydrophobic and retain their original appearance.

The active ingredients react with moisture to produce hydroxyl groups. These hydroxyl groups will bond with the substrates and themselves to produce a hydrophobic treatment that inhibits water absorption into the substrate.

This has been specially developed to treat variety of mineral substrates including architectural concrete, concrete blocks, brick, sandstone, all kinds of mineral based natural and artificial stone.

SPECIAL FEATURES

- Excellent beading within 24 hours of application.
- Penetration of absorbent surfaces due to small molecular structure provides added repellency.
- Chemically bond to the substrates.
- UV stable to increase life of the treatment.
- Water vapour permeable but resistant to liquid water.
- Penetrating treatment will not change the appearance of the substrate.
- Provides excellent water repellence and hence reduces freeze-thaw damage, cracking, spalling, chemical degradation and dirt pick up. All this increase the life of substrate and reduces maintenance cost.

A-161/162, S.P. Mukherjee Market, Jhandewalan, Behind Saran Petrol Pump, M. M. Road,
(Rani Jhansi Road), New Delhi – 110055

Email: aquolac@hotmail.com , Tel.: 9910073124 , Web: www.aquolac.com

PROPERTIES

APPEARANCE	Clear to Hazy
COLOUR	Clear to straw
SILANE/ SILOXANE CONTENT	100 %
SPECIFIC GRAVITY (25° C)	1.02
DILUENT	Alcohol, chlorinated solvents, aromatic or aliphatic hydrocarbons, silicone solvent & MTO.

APPLICATION AREAS/ USES:

1. Surface treatment of absorbent, mineral and even alkaline substrates, such as natural stone, brick, concrete and sand-lime bricks, as well as for mineral paints and stuccos.
2. Making aerated concrete water repellent.
3. Low - fired clay products immediately after they have been made, e.g., roof tiles, facing bricks, floor tiles, flower pots.
4. Surface treatment for concrete.
5. Primer for emulsion paints and plasters.
6. Making plastered surface water repellent

METHOD OF USE

* **AQUA REPELL SB** should be diluted in organic solvents such as aliphatic hydrocarbons, aromatic hydrocarbons, anhydrous alcohol, chlorinated solvents , Mineral turpentine oil (MTO) or low molecular weight polydimethyl siloxanes.

* Methods of application include airless sprayer, roller or brush. Surfaces to be treated should be free of standing water, surface dirt, dust oils and other contaminants, When a brush or roller is used, repeated application is made until the surface remains moist for a few minutes. If an airless sprayer is used, application should continue until the substrate is thoroughly saturated.

* Before applying **AQUA REPELL SB**, ensure to cover windows and other non-absorbent surfaces properly as the product cures quickly and therefore it is very difficult to remove it after a few days. Wipe off any splashes on window panes immediately using soapy water or if necessary an organic solvent.

DILUTION

AQUA REPELL SB should be diluted with brief stirring as it dissolves spontaneously and appearance will not change until its pot life has expired. The diluted solution should be used within 24 hours of dilution.

Excellent results are obtained, when **AQUA REPELL SB** is diluted with the recommended solvents in a ratio of 1: 12, and when the diluted solution is used on the day of dilution.

PACKING

AQUA REPELL SB is available in 20 Kg

SHELF LIFE

AQUA REPELL SB should be stored at temperatures between 0°C and 30°C in tightly closed original container. The containers must be protected from direct sunlight

A-161/162, S.P. Mukherjee Market, Jhandewalan, Behind Saran Petrol Pump, M. M. Road,
(Rani Jhansi Road), New Delhi – 110055

Email: aquolac@hotmail.com, Tel.: 9910073124, Web: www.aquolac.com