SILICONIZED BREATHING SEALER
RTB-693-S

Special one-component siliconized breathing sealer with excellent adhesion and sealing properties.

USES

Recommended Uses

Can be used as the first coat for protective exterior coating systems on concrete and other masonry surfaces to improve adhesion and obtain better binding when a breathing coating system is required.

CHEMICAL COMPOSITION

Type of Binder	Silicone Resin
Number of Component(s)	1 Component
Curing Mechanism	Solvent Evaporation and Polymerization
Flash Point	38°C (100°F)

PHYSICAL PROPERTIES

Finish	Semi gloss
Colour	Clear
Specific Gravity	0.78 ± 0.02 gr/cm³

APPLICATION DETAILS

Surface Preparation: All oil, grease, dirt, moisture and other contaminants must be removed from the surface.

Theoretical Consumption: 100 gr/m² @ 20 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.013"	1.80 mm	---	---
Pump Ratio	1 / 35	---	---	---
Air Pressure	4 – 6 Bar	3 – 5 Bar	---	---
Thinning	Do Not Dilute			

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	90	60	120
Dry Film Thickness (µm)	15	10	20

Drying Time @25°C

Dust Free Time	Tack Free Time	Dry to Handle	Recoating Interval
10 – 15 Minutes	20 – 30 Minutes	-	2-3 Hours

**Drying time calculated at 25°C according to ASTM test method D-1640 for 100 µm WFT*

Application Limits

Relative Humidity	Min. ---	Max. 80%
Temperature	Min. +5°C	Max. +40°C
Substrate Temperature*	Min. +5°C	Max. +45°C

**Please note that the substrate temperature should be at least 5°C above the dew point*

Recommendations: Clean tools thoroughly before and immediately after use with cleaning solvent T-111 or T-445.

PACKING, STORAGE AND SAFETY

Packing	20 Litres Plastic Containers (15 kgs Net)
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 24 months after delivery in original sealed containers and proper storage conditions with temperature of 25°C.
Safety	Keep away from sparks, fires, electrical cables and equipments,direct sunshine and out of children's reach. Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate ventilation.