

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/cm <sup>3</sup> |

### APPLICATION DETAILS

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

Theoretical Consumption 100 gr/m<sup>2</sup> @ 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 | 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.<br>Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate ventilation. |