

# SiSiB<sup>®</sup> WR1290

## Masonry Water Repellents

### INTRODUCTION

SiSiB<sup>®</sup> WR1290 is a solventless silicone concentrate based on a mixture of silane and siloxane. It is dilutable with organic solvents.

Dilute solutions of SiSiB<sup>®</sup> WR1290 in organic solvents may be used as high quality general purpose water repellents for impregnating and priming mineral and highly alkaline substrates.

### TYPICAL PHYSICAL PROPERTIES

Color and Appearance	Colorless Clear Liquid
Density <sub>25/25°C</sub>	0.92 ± 0.05
Active Ingredient	98.0%

**Dilution:** SiSiB<sup>®</sup> WR1290 is suggested to be diluted to 6-16% solution.

### APPLICATIONS

SiSiB<sup>®</sup> WR1290 is widely used as water repellents for marble, granite, sandstone, splitting tile, aerated concrete, ferroconcrete, bridge concrete, tunnel concrete, cement fiberboards, mineral plasters, mineral-based natural and artificial stone.

When applied to the mineral substrate, SiSiB<sup>®</sup> WR1290 reacts with the atmospheric moisture or pore water in the substrate and generate active ingredient while liberating alcohol. The active ingredient lowers the water absorbency of the substrate.

SiSiB<sup>®</sup> WR1290 is also used as primer for exterior paints. SiSiB<sup>®</sup> WR1290 is not suitable for rendering gypsum water repellent.

### PROCESSING

Suggested solvent:

Aliphatic hydrocarbons (e.g. White Spirit 130/175),

Aromatic hydrocarbons (solvent naphtha)

Or low-odor isoparaffin hydrocarbons.

Stir vigorously when adding the diluent to SiSiB<sup>®</sup> WR1290. As SiSiB<sup>®</sup> WR1290 reacts

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with humidity, the containers must be hermetically sealed.

The substrate must clean and not have damp spots. The required quantity depends on the absorbency of the substrate. The amount of impregnating agent required should be determined on site by testing a small area of the material to be treated.

Apply diluted solution to the substrate by brush or spray. Apply the next when the substrate has absorbed the previous ones (wet on wet). Generally, at least two applications suffice for all substrates.

### PACKING AND STORAGE

SiSiB<sup>®</sup> WR1290 is supplied in 25Kg and 180Kg drum.

In the unopened original container SiSiB<sup>®</sup> WR1290 has a shelf life of 2 year in a dry and cool place.

### NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: [support@SiSiB.com](mailto:support@SiSiB.com).