

## PRODUCT DATA SHEET

# weberfix stone sealer S1

(Formerly known as E.MIX STONE SEALER S1)

Sealer for Stone / Tile to Increase Bond Strength

### PRODUCT

**weberfix stone sealer S1** is a milky white dispersion which increasing bond strength for stone / tile with and without reinforcement meshes. It can be applied on the tile back by brush directly without dilution. weberfix stone sealer S1 can effectively increase the bond strength for stone / tile. It is well compatible to **weberset series**. Specially designed for medium thickness wet fixing with fast setting time. It is ideal for installation of stones such as marble, granite, slate and artificial stone for wall and floor. Suitable substrates include concrete, cement plasters, gypsum boards, brickworks and ALC blockwalls.

### Uses

- To be applied on reinforcement meshes on stone / tile to increase the bond strength
- To be applied on large tiles that increase bond strength
- Waterproofing on stone / tile to prevent stains diffuse into the stone

### Features and Benefits

- Formulated to comply with European Norm
- Milky polymer emulsion for that will not affect the surface appearance
- Increase bond strength to fabric reinforcement meshes and resin
- Diffuse into the stone / tile to enhance bonding to cementitious tile adhesive and mortar
- As moisture sealing and stain prevention coating for natural stone and reconstituted stone / tile

### TECHNICAL DATA

Colour	Milky White
Component	Polymer latex with high bonding to resin and high diffusion to stone tiles
Specific gravity	1.04 g/cm <sup>3</sup>
pH value	8
Minimum application temperature	5°C

### PHYSICAL PROPERTIES

	Adhesion without treatment	Adhesion with a coat of <b>weberfix stone sealer S1</b>
On Stone Tile	0.9 N/mm <sup>2</sup> Failure at adhesive / tile interface	1.2 N/mm <sup>2</sup> Failure at adhesive
On Fabric Reinforcement with resin coat	0.6 N/mm <sup>2</sup> Failure at adhesive / mesh interface	1.1 N/mm <sup>2</sup> Failure at adhesive

Unless specified, all technical data are average values and refer to 28 days curing time.



Above physical data are taken on laboratory tests. In situ material performance may vary according to environmental & workmanship conditions beyond manufacturer control.

### Complied Standards

European Norm : EN 1348

### PROCEDURE

The tile back should be clean, dry and free of dust prior to the application of one coat **weberfix stone sealer S1**.

Apply the sealing coat with a brush or roller onto the back side of the stone. The drying time for the **weberfix stone sealer S1** is about 1 – 3 hours. **Weber TILE ADHESIVE** and **TILE GROUT** series products or other polymer modified cementitious mortar is recommended for tiling.

Clean tools in water immediately and thoroughly after use to remove possible stains.

Stir before use.

Please refer to our method statement for procedures in details.

### CONSUMPTION

For absorbent surfaces	Approx. 13 – 16 m <sup>2</sup> /L
For non-absorbent surfaces	Approx. 15 – 18 m <sup>2</sup> /L

### STORAGE AND PACKING

**weberfix stone sealer S1** is delivered in 20 L drum. Storage life is 12 months if the product is kept in a dry place. Prevent storage under extreme condition. Stir before use.

### HEALTH AND SAFETY

Recommend to wear NIOSH approved or equivalent particulate face mask when mixing the material.

Material contains cement, which may produce an allergic effect.

Keep out of reach of children.

Material may cause irritation to eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical assistance. After contact with skin, wash immediately with plenty of soap and water.

Please refer to Material Safety Data Sheet (MSDS) for health, safety and handling of the product.

### CLEANING & DISPOSAL OF WASTE

Cured material can be removed mechanically, if uncured, material can be removed with water. Dispose of waste in accordance with legislation.

\* Note: The information and physical data in this catalogue is given to the best of our knowledge under standard testing method and controlled environment. The results may vary with different weather / site conditions, workmanship or substrates. This is beyond our control that we shall not be liable for any faults or consequences arising or associated with this. We suggest comprehensive tests to be conducted before final application. Unless specified, all technical data are average values with curing time of 28 days. We reserve the right to update or amend the contents in the light of new findings during the course of research and development.