PRODUCT DATA SHEET

weberfix stone sealer S3

(Formerly known as E.MIX STONE SEALER S3)

High performance stone surface protector against water and dirt

PRODUCT

weberfix stone sealer S3 is a clear water-based silane/siloxane solution which is used as a stone surface protector to prevent dirt and stains build up. It is compatible to cementitious material with good bonding. **weberfix stone sealer S3** has a special formula which ensures deep impregnation into the pore structure and form a long-lasting hydrophobic barrier which bonded within the stone structure. It provides durable surface protection for stones such as marble, granite, slate, sandstone and artificial stone for wall and floor under exterior conditions.

Uses

- Interior and exterior wall and floor stones protection
- Waterproofing on stone / tile to prevent stains diffuse into the stone
- Prevent dirt and stains build up
- Compatible to cementitious materials such as **Weber TILE ADHESIVE & TILE GROUT**, **STONE FIX** and **STONE BACK Series** products

Features and Benefits

- Impregnation and forming a long-lasting hydrophobic barrier within the stone structure
- Excellent protective coat for different kind of stones
- Clear solution which will not affect the treated surface appearance
- Minimizing substrate water absorption
- Simpler cleaning after tile fixing / grouting application
- Easy to use and low VOCs

TECHNICAL DATA

Colour	Transparence
Component	Solution of silane/siloxane
Specific gravity	1.04 g/cm^3
pH value	Approx. 12-13
Minimum application temperature	5^{o}C
Theoretical Consumption	Approx. 3.7 – 7.6 m^2/L for 2 coats Approx. 74 – 152 m^2/20L for 2 coats

SAINT-GOBAIN

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PHYSICAL PROPERTIES

Water resistance	JC/T 973	> 81%
Dirt resistance	JC/T 973	Resistance to ink and oil dirt
Acid resistance	JC/T 973	Resistance to acid
Alkaline resistance	JC/T 973	Resistance to alkaline
Water impermeability	JC/T 973	Watertight
VOC content	ASTM D3960	< 20 g/KG

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
American Standard : ANSI A118.6 : 1992, ASTM D3960-04
Chinese Standard : JC/T 973 : 2005

PROCEDURE

Stone should clean, free from dust and contamination.

Apply two coats with a brush, roller or spray onto the stone surface.

weberfix stone sealer S3 should not be applied below 10^{o}C. Substrate should be surface dry with relative humidity below 70% at the working site to allow efficient drying of **weberfix stone sealer S3**. Insufficient drying time or structural formation due to low temperature and/or high humidity may affect the protection performance of **weberfix stone sealer S3**.

White crystals may form when over application**.** These white crystals can be washed out by water after drying.

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

Please refer to our method statement for procedures in details.

STORAGE AND PACKING

weberfix stone sealer S3 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. Avoid freezing temperatures and direct sunlight. Keep away from heat sources. 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.