

## PRODUCT DATA SHEET

# weberprim moisture sealer

Effective moisture barrier for bathrooms, wet interiors and high water-absorption substrates

### PRODUCT

**weberprim moisture sealer** is a greenish dispersion which is used as a moisture sealing layer before tiling on wall / floor in wet areas like bathroom and kitchen. Suitable substrates include concrete, cement based plaster, lightweight panel and wooden block surface. However, it should not be used as an admixture to mix with cement-based products.

### Uses

- Moisture sealing layer before tiling on wall / floor in wet areas like bathroom, wet interiors and high water absorption substrates

### Features and Benefits

- Effective moisture barrier for bathrooms and wet interiors and high water absorption substrates

### TECHNICAL DATA

|                  |                        |
|------------------|------------------------|
| Colour           | Greenish dispersion    |
| pH value         | 7 – 9                  |
| VOC content      | < 10 g/L               |
| Specific gravity | 1.04 g/cm <sup>3</sup> |

### Comparison

|                                  | Moisture Vapour Transmission Rate (MVTR)* |
|----------------------------------|---|
| <b>weberprim moisture sealer</b> | Approx. 3 – 10 g/m <sup>2</sup> /day      |
| Alkyds and modified Alkyds       | Approx. 100 – 250 g/m <sup>2</sup> /day   |
| Styrene – acrylic copolymers     | Approx. 1000 g/m <sup>2</sup> /day        |
| Styrene – butadiene copolymers   | Approx. 1100 – 1900 g/m <sup>2</sup> /day |
| Acrylic copolymers               | Approx. 1200 – 2500 g/m <sup>2</sup> /day |

\*The MVTR is based on a film made from the above respective material.

### PROCEDURE

#### Substrate Preparations

The substrate should be clean, dry and free of dust prior to the application of two coats of **weberprim moisture sealer**.

## **Procedures**

Apply the first sealing coat onto the substrate surface with a brush or roller. The second sealing coat should be applied after the first sealing coat gets dried. The drying time for the first coat is about 1 – 2 hours, depending on the substrate and ambient conditions during application. The drying time for the second coat is about 4 hours before receiving tiles. **Weber TILE ADHESIVE** and **TILE GROUT** series products or other polymer modified cementitious tile adhesive is recommended for tiling.

## **CONSUMPTION**

For absorbent surface, the consumption is approx. 0.3 L/m<sup>2</sup> in two coats; for non-absorbent surface, the consumption is approx. 0.15 L/m<sup>2</sup> in two coats.

Please refer to our method statement for procedures in details.

## **STORAGE AND PACKING**

**weberprim moisture sealer** 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 NOISH approved or equivalent particulate face mask when mixing the material.

Material contains cement, which may produce an allergic effect.

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.

Keep out of reach of children.

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.