PRODUCT DATA SHEET

weberfloor primer

Polymer dispersion specially formulated for priming of substrates prior to application of weber self-levelling and floors screed series products

PRODUCT

weberfloor primer is a dispersion of polymer in water with selective active agents to maximize penetration into substrate, and promotes good bond strength. The primer layer can effectively prevent air bubbles trapped in the substrate from diffusing into the self-levelling screed, which could otherwise causes pinholes on the surface of self-levelling screed. It is water-based, non-toxic, and has excellent adhesion to a wide range of substrates such as concrete and cement sand screed.

Uses
Primer for self levelling screed
Sealing porous substrates

Features and Benefits
Seal the substrate to prevent air bubbles coming up from the substrate into the self-levelling screed
Increase adhesion strength of self-levelling screed to the substrate
Water resistance
Excellent wet and dry adhesion to the substrate
Good wetting properties

TECHNICAL DATA

Colour	Green, White emulsion
Component	Polymer emulsion
Mixing ratio (Primer : water)	1 : 5 for the first coat 1 : 3 for the second coat
Specific gravity	1.02 g/cm^3
pH value	7 – 9
Minimum application temperature	10°C
Drying time	2 – 4 hours
Coverage	Approx. 0.2 – 0.3 L/m^2 for 2 coats
Theoretical Consumption	Approx. 3 – 5 m^2/L for 2 coats Approx. 66 – 100 m^2/20L for 2 coats

PHYSICAL PROPERTIES

Ph value	7 – 9

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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.

PROCEDURE

Substrate Preparations

The surface of substrate must be hard, sound and free from surface contamination. Minimum tensile strength of the substrate should be 1.0 N/mm^2.

All dust and debris should be vacuum-cleaned from the surface.

Weak or soft substrates subjected to movement under imposed load (either in use or during material curing), such as asphalt, must be removed.

Concrete contaminated by oil or grease may require flame gunning and / or treatment with a proprietary degreaser.

Joints should be formed in self-levelling screed.

Installation

weberfloor primer should be applied to the prepared surface by using a soft brush or a primer pump. Avoid ponding and allow **weberfloor primer** to become touch dry (3 – 4 hours under normal conditions).

weberfloor primer should be diluted with clean, potable water at a ratio of 1:5 for the first coat and 1:3 for the second coat.

weberfloor primer should not be applied below +10 °C. Substrate should be surface dry with relative humidity below 70% at the working site to allow efficient drying of **weberfloor primer**. Insufficient drying time or poor film formation due to low temperature and / or high humidity may result in pinholes on the surface of **Weber self-levelling** screed.

The consumption of **weberfloor primer** is about 3 – 5 m^2/L for two priming coats.

Please refer to our method statement for procedures in details.

Curing

The relative humidity of the surrounding air should be below 70%. Good ventilation to speed up the **weberfloor primer** drying is recommended.

STORAGE AND PACKING

weberfloor primer is delivered in 20 L drum. Storage life is 12 months if the product is kept in a dry place.

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.

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.