

PRODUCT DATA SHEET

weberfloor coat S9

(Formerly known as E.MIX FLOORCOAT S9)

Water-based acrylic silicone emulsion specially formulated to provide waterproofing, enhance abrasion resistance and chemical resistance for cement-based self-levelling flooring compounds and screeds.

PRODUCT

weberfloor coat S9 is a water-based acrylic silicone emulsion to maximize penetration into substrate and promotes long lasting performance. The applied layer can effectively prevent water invasion into the cementitious flooring layer and increase the surface abrasion resistance of the cementitious surface. It is non-toxic, and has excellent compatibility with a wide range of substrates such as cementitious self-levelling flooring compounds and screeds.

Uses

- Provide waterproofing protection for cementitious self-levelling flooring compounds and screeds
- Enhance surface abrasion resistance

Features and Benefits

- Penetrates into the substrate for long lasting performance
- Improve surface abrasion resistance
- Non-slip
- Fast drying time
- Become transparent when cured
- Easy to use, no dilution is required
- Water-based material, non-toxic

TECHNICAL DATA

Colour	White emulsion
Component	Acrylic silicone emulsion
Specific gravity	1.03 g/cm ³
pH value	8 - 9
Minimum application temperature	10°C
Drying time	1 – 2 hours
Theoretical Consumption	Approx. 4.1 – 6.2 m ² /L for 2 coats Approx. 82 – 124 m ² /20L for 2 coats

PHYSICAL PROPERTIES

Initial surface water absorption (ISAT)	BS 1881 : Part 208	< 0.01 ml/m ² ·s (2 hours)
Water resistance		> 85%
Dirt resistance		Resistance to ink and oil dirt
Acid resistance		Resistance to acid
Alkaline resistance		Resistance to alkaline
Water impermeability		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

European Norm : EN 13892-5 : 2003
 American Standard : ASTM D3960-04
 British Standard : BS 1881 : Part 208 : 1996

PROCEDURES

Substrate Preparations

Substrate should be well-cured and should not subject to shrinkage.

The surface of substrate must be free from surface contamination.

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

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

Mixing and Installation

weberfloor coat S9 should not be diluted with water.

Two coats of **weberfloor coat S9** should be applied to the prepared surface by using a soft brush, squeegee, roller or spray bottle. Avoid ponding, clean off excess **weberfloor coat S9** and allowed it to become touch dry (1 – 2 hours under normal conditions).

When the first coat has dried (Approx. 1 – 2 hours), apply second coat of **weberfloor coat S9** using the same application method.

weberfloor coat S9 should not be applied below 10oC. Substrate should be surface dry with relative humidity below 70% at the working site to allow efficient drying of **weberfloor coat S9**. Insufficient drying time due to low temperature and/or high humidity may affect the performance of **weberfloor coat S9**.

Please refer to our method statement for procedures in detail.

Curing

Relative humidity at the working site should be below 70%. Ventilation to speed up the **weberfloor coat S9** drying is recommended.

STORAGE AND PACKING

weberfloor coat S9 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.

* 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.