

PRODUCT DATA SHEET

weberbase easi render plus

(Formerly known as E.MIX EASI RENDER PLUS)

Strongly polymerized, semi-coarse and water resistant sprayable pre-mixed plaster complied with C2 class of EN 12004

PRODUCT

weberbase easi render plus is a strongly polymerized, high quality water resistant sprayable cement-based plaster for application on brickwalls, blockwalls, panel walls and concrete surfaces.

weberbase easi render plus is suitable for dry and wet interiors as well as exteriors. It serves as render coat underneath **weber Tile Adhesive and Tile Grout** series products for tile fixing. To achieve a finer surface finishing, **weberbase easi render plus** may be overcoated with **weber Skim Coat** series before painting. This product shall not be used on painted surfaces.

Uses

- Interior wall rendering
- Exterior wall rendering
- Panel wall rendering
- Small area ceiling rendering (with **webertec bond coat** or **webertec EVA**)

Features and Benefits

- Formulated to comply with European Norm, American Standard, British Standard and Chinese Standard
- Single component : fixed mixing proportion, ensure the quality of work
- Specific design for spray plastering
- Shrinkage compensated : reduce the chance of shrinkage cracks
- Suitable for tiling with **weber Tile Adhesive and Tile Grout** series products
- Suitable for painting with receiving **weber Skim Coat** series products
- Compatible with cementitious waterproofing

TECHNICAL DATA

Colour	Grey
Component	Portland cement, non-reactive aggregate, graded sand and other chemical additives
Max. aggregate size	2.0 mm
Water demand	Hand application: Approx. 16 – 18% (6.4 – 7.2 L/40 KG bag) Spray application: Approx. 17 – 19% (6.8 – 7.6 L/40 KG bag)
Density	1.5 kg/L (dry) 1.8 kg/L (wet) for 16% water demand

Page 1 of 3



Saint-Gobain Weber (Hong Kong) Building Material Co., Limited
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Pot life	Approx. 1 hour
Thickness	8 – 15 mm for 1 coat 15 – 25 mm for 2 coats 25 – 35 mm for 3 coats
Coverage	Approx. 1.55 kg/m ² /mm
Theoretical consumption	Approx. 15.5 kg/m ² for thickness of 10 mm Approx. 2.5 m ² /40 kg bag for thickness of 10 mm

PHYSICAL PROPERTIES

Adhesion to concrete	EN 1348	
	Initial adhesion strength	≥ 1 N/mm ²
	Adhesion strength after heat ageing	≥ 1 N/mm ²
	Adhesion strength after water immersion	≥ 1 N/mm ²
	Adhesion strength after freeze-thaw cycles	≥ 1 N/mm ²
Tensile Strength	BS 6319 : Part 7	≥ 2 N/mm ²
Compressive Strength	BS 6319 : Part 2 HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.1	≥ 25 N/mm ²
Bond Strength	BS 6319 : Part 7 HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.14	≥ 1.9 N/mm ²
Flexural Strength	BS 6319 : Part 3 HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.2	≥ 5 N/mm ²
Initial Surface Absorption Test (ISAT)	BS 1881 : Part 5	< 0.06 ml/m ² .s (2 hours)
Shrinkage	ASTM C596	0.09% (4 days) 0.12% (11 days) 0.13% (18 days) 0.14% (25 days)

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 Standard	: EN 1348 : 2007
American Standard	: ASTM C596, ASTM C348
British Standard	: BS 1881 : Part 5, BS 5262, BS 5492, BS 5385, BS 5838 : Part 2, BS 6319
Chinese Standard	: DBJ/T01-73-2003, DG/TJ08-502A-2000

PROCEDURE

Substrate Preparations

Substrate must be free from grease, mould oil, rust, rusty metal, wood peels, paints, plastics, loose particles, contamination on any traces of foreign materials affecting the adhesion of **weberbase easi render plus**.

Moisten the substrate the night before and also at the time before the commencement of operation. Neither stagnant water nor continuous water flow on substrate is allowed immediately prior to plastering.

When the substrate is concrete of high fly ash content, the surface should be sealed with **weberprim moisture sealer** before head.

Mixing and Installation

Mix a bag of dry-mixed powder (40 KG) with appropriate amount of water (depending on the application mode) by using an electrical mixer for 3 – 7 minutes. For hand application, add approx. 16 – 18% (6.4 – 7.2 L) of water; for spray application, add approx. 17 – 19% (6.8 – 7.6 L) of water.

Apply the render by hand or spraying machine to required thickness in layer(s). For clean, smooth and flat concrete surfaces, **weberbase easi render plus** in thin application can be applied directly on concrete surface without spatterdash. For thick application on concrete substrates, a coat of sound spatterdash shall be applied in order to provide good key for receiving **weberbase easi render plus**.

Please refer to our method statement for procedures in details.

Curing

Water mists is preferred but not always necessary for interior application. However, water mist is required under the extreme hot or dry weather condition.

STORAGE AND PACKING

weberbase easi render plus is delivered in 40 kg bag. 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.

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.

* 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.