

PRODUCT DATA SHEET

weberdry easi render plus WP

Strongly polymerised, semi-coarse and waterproof sprayable premixed plaster complied with C2 class of EN 12004

PRODUCT

weberdry easi render plus WP is a strongly polymerised, high-quality sprayable cement-based waterproof plaster for application on brick walls, block walls, panel walls and concrete surfaces. It is suitable for dry and wet interiors as well as exteriors and serves as a render coat underneath the **weber TILE ADHESIVE & TILE GROUT series** for tile fixing. To receive paint, it is more appropriate to apply **weber SKIM COAT series** for a better finishing surface. However, it should 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 American Standard, British Standard, Chinese Standard and European Norm
- Single component: fixed mixing proportion, ensure the quality of work
- Formulated with waterproofing additives to provide optimum protection to the substrate
- Shrinkage compensated: reduce the shrinkage cracks
- Suitable for tiling with the **Weber TILE ADHESIVE & TILE GROUT series** products
- Suitable for painting with the **Weber SKIM COAT series** products
- Compatible with cementitious waterproofing materials, **weberdry elastic slurry**

TECHNICAL DATA

Colour	Grey
Component	Portland cement, non-reactive aggregate, graded sand and other chemical additives
Max. aggregate size	2.0 mm
Water demand	For hand application: Approx. 16 – 18% or 6.4 – 7.2 L/40 kg bag For spray application: Approx. 17 – 19% or 6.8 – 7.6 L/40 kg bag
Density	1.5 kg/L (dry) 1.8 kg/L (wet) for 16% water demand
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 a thickness of 10 mm Approx. 2.5 m ² /40 kg bag for a thickness of 10 mm

PHYSICAL PROPERTIES

Adhesion to concrete	EN 1348	$\geq 1.0 \text{ N/mm}^2$
Tensile Strength	BS 6319: Part 7	$\geq 2.0 \text{ N/mm}^2$
Compressive Strength	BS 6319: Part 2 HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.1	$\geq 15.0 \text{ N/mm}^2$
Bond Strength	BS 6319: Part 7	$\geq 2.0 \text{ N/mm}^2$
Flexural Strength	BS 6319: Part 3	$\geq 5.0 \text{ N/mm}^2$
Shrinkage	Coutinho ring, HKHA MTS (2012/2014) Spec. Part D, Cl. 2.1.6	No cracks observed
Water Retentively	BS 4551	99%
Consistency Retentively	BS 4551	85%
Water Absorption	BS 1881: Part 122	1.9%
Water Impermeability Pressure	JC/T 894	0.8 MPa
Waterproofing Quality	HKHA MTS (2012/2014) Spec. Part D, Cl.2.1.1	No leakage

Unless specified, all technical data are average values and refer to a 28-day curing time.

The above physical data were taken from laboratory tests. In situ material performance may vary according to environmental & workmanship conditions beyond the manufacturer's control.

Complied Standards

European Standard	: EN 1348 : 2007
American Standard	: ASTM C596
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 **weberdry easi render plus WP**.

Moisten the substrate the night before and also at the time before the commencement of operation. Neither stagnant water nor continuous water flow on the 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** beforehand.

Mixing and Installation

Mix a bag of dry mix powder (40 kg) with the appropriate amount of water (depending on the applying mode) by using an electric mixer for 3 – 7 min. For hand application, add approximately. 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 a spraying machine to the required thickness in layer(s). For clean, smooth and flat concrete surfaces, **weberdry easi render plus WP** in the thin application can be applied directly on the concrete surface without spatterdash.

For thick application on concrete substrates, a coat of sound spatterdash shall be applied in order to provide a good key for receiving **weberdry easi render plus WP**.

Please refer to our method statement for procedures in detail.

Curing

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

STORAGE AND PACKING

weberdry easi render plus wp is delivered in a 40 kg bag. Storage life is 12 months if the product is kept in a dry place.

HEALTH AND SAFETY

Recommend wearing NIOSH-approved or equivalent particulate face masks when mixing the material.

The material contains cement, which may produce an allergic reaction.

Keep out of reach of children.

Material may irritate the eyes and skin. In case of contact with the eyes, rinse immediately with plenty of water and seek medical assistance. After contact with the skin, wash immediately with plenty of soap and water.

Please refer to the Material Safety Data Sheet (MSDS) for health, safety and handling of the product.

CLEANING & DISPOSAL OF WASTE

Hand tools and power tools equipment can be cleaned first with fresh water before hardening. Material that is over 24 hours old will require mechanical methods for removal from mixer blades, power tools, equipment and hand tools.

Waste attention: All waste and cleaning methods (landfill or incineration) should follow the state, province, city, and the relevant provisions of the place.

* Note: The information and physical data in this catalogue are given to the best of our knowledge under standard testing methods and a controlled environment. The results may vary with different weather/site conditions, workmanship or substrates. This is beyond our control, and we shall not be liable for any faults or consequences arising from or associated with this. We suggest that comprehensive tests be conducted before the final application. Unless specified, all technical data are average values with a 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.