



## PRODUCT DATA SHEET

# weberdry WP render sprayable

Premixed sprayable waterproof render for plastering of brick, block and fair-faced concrete walls, and other general uses in interior and exterior conditions

### PRODUCT

**weberdry WP render sprayable** is a specially blended, sprayable cement-based waterproof plaster for application on brick walls, block walls and concrete surfaces. It is suitable for dry and wet interiors as well as exteriors, and also serves as a render coat underneath **Weber TILE ADHESIVE** and **TILE GROUT** series for tile fixing. To achieve a finer surface finishing, **weberdry WP render sprayable** may be overcoated with **Weber** skim coat series before painting. This product shall not be used on painted surfaces.

### Uses

- Long-term immersion in water
- Waterproofing interior wall rendering
- Waterproofing exterior wall rendering

### Features and Benefits

- Formulated to comply with European Norm, British Standard and Chinese Standard
- Highly water repellent, provides optimum protection to the substrate
- Highly vapour permeable
- Single component: fixed mixing proportion, ensure the quality of work
- Shrinkage compensated: reduces the chance of shrinkage cracks
- Compatible with **weber WATERPROOFING** series products.
- Suitable for tiling with **weber TILE ADHESIVE** and **TILE GROUT** series products
- After receiving the **weber SKIM COAT** series, a finer surface profile is available for painting

### TECHNICAL DATA

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Colour              | Grey                                                                                                                      |
| Component           | Portland cement, non-reactive aggregate, graded sand, waterproofing 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)<br>Spray application: Approx. 17 – 19% (6.8 – 7.6 L/40 KG bag) |
| Density             | 1.5 kg/L (dry)<br>1.7 kg/L (wet) for 16% water demand                                                                     |
| Pot life            | Approx. 1 hour                                                                                                            |

|                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| Thickness               | 8 – 15 mm for 1 coat<br>15 – 25 mm for 2 coats                   |
| Coverage                | Approx. 1.45 kg/m <sup>2</sup> /mm                               |
| Theoretical consumption | Approx. 2.75 m <sup>2</sup> / 40 kg bag for a thickness of 10 mm |

## **PHYSICAL PROPERTIES**

|                                                    |                                                                                                                                                                                                                 |                                                                                                                                                                   |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adhesion to concrete                               | BS EN 1015 – 12                                                                                                                                                                                                 | 2.0 N/mm <sup>2</sup>                                                                                                                                             |
| Compressive strength                               | BS EN 1015 – 11                                                                                                                                                                                                 | 20.6 N/mm <sup>2</sup>                                                                                                                                            |
| Flexural strength                                  | BS EN 1015 – 11                                                                                                                                                                                                 | 5.4 N/mm <sup>2</sup>                                                                                                                                             |
| Density                                            | BS EN 1015 – 10                                                                                                                                                                                                 | 1840 kg/m <sup>3</sup>                                                                                                                                            |
| Water retentivity                                  | BS 4551: Part 1                                                                                                                                                                                                 | > 95%                                                                                                                                                             |
| Water impermeability pressure                      | JC/T 894                                                                                                                                                                                                        | 0.8 N/mm <sup>2</sup>                                                                                                                                             |
| Initial surface water absorption                   | BS 1881 : Part 208                                                                                                                                                                                              | 0.07 ml/m <sup>2</sup> · s (10 minutes)<br>0.03 ml/m <sup>2</sup> · s (20 minutes)<br>0.01 ml/m <sup>2</sup> · s (1 hour)<br>0.01 ml/m <sup>2</sup> · s (2 hours) |
| Shrinkage                                          | Coutinho ring, HKHA MTS (2012/2014)<br>Spec. Part D, Cl. 2.1.6                                                                                                                                                  | No cracks observed                                                                                                                                                |
| Pond test                                          | HKHA Spec. WAT6 M010.4                                                                                                                                                                                          | No leakage                                                                                                                                                        |
| Suitability for use in contact with portable water | BS 6920 section 2 : 2014<br><br>Odour and Flavour<br><br>Appearance<br><br>Growth of aquatic micro-organisms<br><br>Extraction of substances that may be of concern to public health<br><br>Extraction of metal | Complied<br><br>Complied<br><br>Complied<br><br>Complied<br><br>Complied                                                                                          |

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

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

## **Complied Standards**

British Standard : BS 1881, BS 5262, BS 5492, BS 5385, BS 5838 : Part 2, BS 1881 : Part 208 : 1996  
Chinese Standard : DBJ/T01-73-2003, DG/TJ08-502A-2000  
European Standard : BS EN 1015 – 11

## **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 WP render sprayable**.

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 hand.

### **Mixing and Installation**

Mix a bag of dry-mixed powder (40 KG) with an 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, **weberdry WP render sprayable** in a 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 good key for receiving **weberdry WP render sprayable**.

Please refer to our method statement for procedures in detail.

### **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** 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 a NIOSH-approved or equivalent particulate face mask when mixing the material.

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

Keep out of reach of children.

Material may cause irritation to the eyes and skin. In case of contact with the 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 the 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 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.