



PRODUCT DATA SHEET

weberdry window grout

Single-component waterproof cementitious mortar for window frame grouting and different waterproofing patching

PRODUCT

weberdry window grout is a high-quality waterproof cementitious mortar specially designed for window frame grouting. The product is a single component, which only requires the addition of water. It is easy to apply with high durability. It is suitable for different waterproofing patchings.

Uses

- Fill up window frame gaps with widths of 10 – 70 mm
- Patching with waterproofing ability

Features and Benefits

- Formulated to comply with Hong Kong Standard, American Standard and Chinese Standard
- Highly water-resistant: provide optimum protection to the substrate
- Good bonding to concrete and window frame
- Single component: fixed mixing proportion, ensure the quality of work
- Shrinkage compensated: reduce the chance of shrinkage cracks
- No chloride content

TECHNICAL DATA

Colour	Grey
Component	Portland cement, non-reactive aggregate, graded sand, waterproofing and other chemical additives
Max. aggregate size	4.0 mm
Water demand	Approx. 14 – 16% (5.6 – 6.4 L/40 KG bag)
Density	1.7 kg/L (dry) 1.85 kg/L (wet) for 15% water
Yield	Approx. 25L /40 KG bag
Pot life	Approx. 1 hour
Thickness	10 – 70 mm
Coverage	Approx. 1.6 kg/m ² /mm
Theoretical consumption	Approx. 2.24 kg/m for a thickness of 20 mm and width of 70 mm Approx. 17.8 m/40kg bag for a thickness of 20mm and width of 70 mm

PHYSICAL PROPERTIES

Compressive Strength	BS 6319 : Part 2	$\geq 30.0 \text{ N/mm}^2$
Tensile Strength	BS 6319 : Part 7	$\geq 3.0 \text{ N/mm}^2$
Bond Strength	BS 6319 : Part 7	$\geq 3.0 \text{ N/mm}^2$
Flexural Strength	BS 6319 : Part 3	$\geq 8.0 \text{ N/mm}^2$
Initial Surface Absorption Test (ISAT)	BS 1881 : Part 208	$< 0.004 \text{ ml/m}^2/\text{s}$ (120 mins)
Shrinkage	Coutinho ring, HKHA MTS (2014/2016) Spec. Part D, Cl. 2.1.6	No cracks observed

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

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

Complied Standards

HKHA Standard : MTS (2014/2016) Part D
British Standard : BS 6319: Part 2, 3 & 7, BS 1881: Part 208

PROCEDURE

Substrate Preparations

The concrete substrate must be clean, structurally sound, free from contamination, loose particles, grease, lacquer, plastics or traces of foreign materials, or protrusions such as wood peels, nails, excess mortar or any joints with tolerance that cannot be covered by the thickness of the mortar or grout.

The window frame should be clean and free from contamination.

Mixing and Installation

Before application, dampen the concrete surface with clean water and allow excess water to drain away.

Prepare the bond coat slurry by mixing the **webertec bond coat** or **webertec EVA** with Ordinary Portland Cement (OPC) at a ratio of 1:1 (by weight). Stir the mixture thoroughly using an electric mixer until a wet and sticky slurry coat is obtained.

bond coat slurry can be applied by brushing on both the concrete surface and the metal window frame.

Installation of **weberdry window grout** should be applied on wet and sticky Bond Coat Slurry.

If the slurry coat dries, it must be thoroughly re-applied.

Window Grouting

Mix a bag of dry powder (40 kg) with approx. 14 – 16% (5.6 – 6.4 L) of water using an electric mixer for 3 – 7 minutes.

weberdry window grout can be applied by using a trowel or gloved hand to compact a maximum amount of grout into the window frame gap.

The **weberdry window grout** is ready to receive a skim coat after 4 days.

Please refer to our method statement for procedures in detail.

Curing

Natural air curing is enough for **weberdry window grout**. Water mist is preferred but not always necessary for interior applications. However, water mist is required under extremely hot or dry weather conditions.

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

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

Keep out of reach of children.

Material may cause irritation to the eyes and skin. In case of contact with 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 the health, safety and handling of the product.

* 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 or associated with this. We suggest comprehensive tests to be conducted before 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.