



PRODUCT DATA SHEET

weberdeko tile filler

Water-resistant premixed cement-based high-performance skim coat, specially designed for interior and exterior renovation conditions

PRODUCT

weberdeko tile filler is a specially blended flexible premixed powder for thin and final coat plaster for renovation purposes. It can be applied on old tiles and other substrates. It is a water-resistant plaster which can be used in dry and/or wet interior and exterior conditions. It is suitable for hand application on mosaic tiles, ceramic tiles, marble and granite tiles but not on painted surfaces. It can also be applied on wooden boards or metal boards.

Uses

- Interior and exterior skim coat for ceiling and wall
- Skim coat for renovation on old tiles or other substrate
- To be applied on Weber render series products or plastering surface
- To be applied on pre-cast wall panel or smooth concrete surface

Features and Benefits

- Formulated to comply with European Norm, American Standard, British Standard and Chinese Standard
- Single component: fixed mixing proportion, ensuring the quality of work
- Highly workable
- Mould resistance, water resistance and alkaline resistance
- Suitable as a skim coat to receive paint
- Extra smooth finishing after polish
- Compatible with cementitious products

TECHNICAL DATA

Colour	Grey, White
Component	Portland cement, non-reactive aggregate and other chemical additives
Max. aggregate size	0.1 mm
Water demand	Grey: Approx. 25 – 30% (6.2 – 7.5 L/25 KG bag) White: Approx. 30 – 34% (7.5 – 8.5 L/25 KG bag)
Density	1.3 kg/L (dry) 1.6 kg/L (wet) for 34% water demand
Pot life	Approx. 1 hour
Thickness	1 – 3 mm
Coverage	Approx. 1.3 kg/m ² /mm (Grey) Approx. 1.2 kg/m ² /mm (White)
Theoretical consumption	Approx. 2.46 kg/m ² for thickness of 2 mm Approx. 10.41 m ² / 25 kg bag for thickness of 2 mm

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PHYSICAL PROPERTIES

Adhesion to concrete	HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.15 - Initial adhesion strength	1.0 N/mm ²
Compressive strength	BS 6319: Part 2	15 N/mm ²
Flexural strength	BS 6319: Part 3	3 N/mm ²
Shrinkage	Coutinho Ring, HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.6	No cracks observed
Formaldehyde content	GB18582	< 0.1 g/kg

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

Above physical data are taken from laboratory tests. In situ material performance may vary according to environmental & workmanship conditions beyond manufacturer control.

Complied Standards

Hong Kong Standard : HKHA MTS(2002/2004) Spec. Part D, Cl. 2.1.15 and Cl. 2.1.6
British Standard : BS 6319: 1983
Chinese Standard : GB18582-2001

PROCEDURE

Substrate Preparations

Substrate must be free from grease, mould oil, rust, rusty metal, wood peels, paints, plastics, loose particles, contamination and any traces of foreign materials affecting the adhesion of **weberdeko tile filler**.

Substrate is to be moistened overnight and also at the time before installation.

Old tile substrate should be checked for hollow and loose tiles, which should be hacked off before tile-on-tile renovation. The remaining old tiles should be scratched with a hammer to assist the adhesion.

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

Mixing and Installation

Mix a bag of dry-mixed powder (25 KG) by using an electric mixer, with approximately 25 – 30% (6.2 – 7.5 L) of water for grey powder / 30 – 34% (7.5 – 8.5 L) of water for white powder.

Allow mixing time of 3 – 7 minutes.

Plaster in a thickness of 1 – 3 mm can be applied in the first coat.

Wait for 1 – 2 hours to allow air bubbles to release from the substrate. Trowel another layer of 0.5 – 1 mm thickness for final finishing.

European smoothing spatula with blade length of 300 – 600 mm should be used for levelling and smoothing of thin plaster, and forming a smooth, flat and free of blemishes surface.

Plastered surface for painting or for wallpaper should be smoothed by spatula. For better quality of paint work, it is recommended to wait for at least 3 days to reduce the alkalinity before painting.

Please refer to our method statement for procedures in details

Curing

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

STORAGE AND PACKING

weberdeko tile filler is delivered in a 25 kg bag. Storage life is 12 months if the product is kept in a dry place.

HEALTH AND SAFETY

Wear industrial hand gloves, safety goggles and protective clothes for the entire application process. If in contact with skin, wash thoroughly with soap and water. If in contact with eyes or mucous membranes, seek medical attention immediately. Use with adequate ventilation.

This product should be used only by qualified personnel for recommended applications in accordance with current, published installation guidelines.

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

CLEANING & DISPOSAL OF WASTE

Hand tools and power tools equipment can be cleaned first with paper towels or rags. Then wipe out the leftovers using 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.