

## PRODUCT DATA SHEET

# weberdeko tile filler

(Formerly known as E.MIX TILE FILLER)

Water resistant premixed cement based 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 purpose. 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 board or metal board.

### 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, ensure 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 to 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 – 28% (6.2 – 7 L/25 KG bag) White: Approx. 35 – 37% (8.8 – 9.3 L/25 KG bag)
Density	1.3 kg/L (dry) 1.6 kg/L (wet) for 36% water demand
Pot life	Approx. 1 hour
Thickness	1 – 3 mm

Page 1 of 3



Saint-Gobain Weber (Hong Kong) Building Material Co., Limited  
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Coverage	Approx. 1.3 kg/m <sup>2</sup> /mm (Grey) Approx. 1.2 kg/m <sup>2</sup> /mm (White)
Theoretical consumption	Approx. 2.46 kg/m <sup>2</sup> for thickness of 2 mm Approx. 10.41 m <sup>2</sup> / 25 kg bag for thickness of 2 mm

## **PHYSICAL PROPERTIES**

Adhesion to concrete	HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.15 - Initial adhesion strength	1 N/mm <sup>2</sup>
Compressive strength	BS 6319 : Part 2	8 N/mm <sup>2</sup>
Flexural strength	BS 6319 : Part 3	3 N/mm <sup>2</sup>
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 on 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 on 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 with hollow and loosen tiles, which should be hack off before tile-on-tile renovation. The remaining old tiles should be scratched by 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 electrical mixer, with approximately 25 – 28% (6.2 – 7 L) of water for grey powder / 35 – 37% (8.8 – 9.3 L) of water for white powder.

Allow mixing time of 3 – 7 minutes.

Plaster in 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 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**

**weberdeko tile filler** is delivered in 25 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.