

## PRODUCT DATA SHEET

# weberdeko putty

(Formerly known as E.MIX PUTTY)

Water Resistant premixed cement based skim coat for interior conditions

### PRODUCT

**weberdeko putty** is a specially blended premixed powder for thin and final coat plaster finish on wall and ceiling, or on plastering surface. It is a water-resistant plaster which can be used in dry and/or wet interior conditions. It is suitable for hand application on concrete, lightweight concrete, blockwork and rendered surfaces but not on painted surfaces. The surface can be further polished by ultra-fine sand paper to obtain an extra smooth surface.

### Uses

- Interior skim coat for ceiling and wall
- To be applied on plastering surface
- To be applied on pre-cast wall panel, smooth concrete surface, gypsum boards or cement boards

### Features and Benefits

- Formulated to comply with European Norm, 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	White
Component	Portland cement, non-reactive aggregate and other chemical additives
Max. aggregate size	0.1 mm
Water demand	Approx. 37% – 39% or 9.25 – 9.75 L / 25 kg bag
Density	kg/L (dry) 1.1 kg/L (wet) for 38% water demand
Pot life	Approx. 2 hours
Thickness	0.5 – 2 mm
Coverage	Approx. 1.0 kg/m <sup>2</sup> /mm
Consumption	Approx. 1.0 kg/m <sup>2</sup> for 1 mm thickness Approx. 25 m <sup>2</sup> / 25 kg bag for 1 mm thickness



## PHYSICAL PROPERTIES

Adhesion to concrete	EN 1015 Part 12, HKHA MTS FIN M790.C, JG/T 298 <ul style="list-style-type: none"> <li>· Initial adhesion strength</li> <li>· Adhesion strength after water immersion</li> </ul>	> 0.7 N/mm <sup>2</sup> > 0.5 N/mm <sup>2</sup>
Compressive strength	EN 1015 Part 11	> 5 N/mm <sup>2</sup>
Flexural strength	EN 1015 Part 11	> 2 N/mm <sup>2</sup>
Shrinkage	Coutinho Ring, HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.6)	No cracks observed
Mould resistance	BS 5980	No mould growth
Water resistance	GB/T 1733	Resistance to water immersion
Water retentivity	BS 4551	> 99%
VOC Content	USEPA Method 24	< 10 g/KG
Formaldehyde content	GB18582	< 10 mg/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**

Europea Norm : EN 1015:2000  
 American Standard : ASTM D3960  
 British Standard : BS 3900: 1983, BS 6319 : 1983  
 Chinese Standard : JG/T 298 : 2010 : Type SZ N 0.50, 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 putty**.

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

For wooden board or other highly water absorbent substrates, substrate surface must be primed with **weberprim moisture sealer**.

### **Mixing and Installation**

Mix the dry mix powder with an electric mixer of 25 kg/bag with approximately 37% – 39% (9.25 – 9.75 liter) by using an electrical mixer for 3 – 7 minutes.

**weberdeko putty** of 0.5 - 2 mm thick can be applied in one coat.

Press the **weberdeko putty** into the small holes in the substrate.

Smooth the surface with trowel to remove the air bubbles on the surface of the **weberdeko putty**.

When there are still bubbles on the surface, trowel the surface again.

The **weberdeko putty** should be used within 2 hours.

Plastered surface for painting or for wallpaper will be smoothed by spatulas. For better quality of paint work, it is recommended to polish the surface with 400 mesh sand paper within 24 - 48 hours.

The **weberdeko putty** surface should be waited for at least 3 days to reduce the alkalinity.

Please refer to our method statement for procedures in details.

### **Curing**

Natural air curing for **weberdeko putty** is enough. 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 putty** 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.

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.

Keep out of reach of children.

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.