

### DESCRIPTION

**Ezi WP RENDER** is a waterproof, high performance cement sand rendering mortar. Content of Ordinary Portland Cement, graded washed silica sand and special additives. Conform to the requirement of BS EN 1015.

### USAGE

#### *Suitable to use for :*

- plastering of brick, block and concrete wall.
- water immersion areas including swimming pool.
- internal and external wall rendering.

### PERFORMANCE

- Water Impervious Properties**
- High Adhesion Strength**
- High Compressive Strength**
- High Flexural Strength**
- Good Abrasion Resistance**
- User friendly**
- Good Workability**
- Prevents Mixing Error**
- Reduced Drying Shrinkage**
- Minimised Efflorescence**

### INSTALLATION PROCESS

#### (1) Preparing the Substrate

- Substrate must be dry, flat and free of contaminants, e.g. dust, grease, laitance, oil, paint, etc.
- To prevent hollowness of plaster on smooth/dense concrete surface, a spatterdash application is recommended to provide an effective textured keys to receive rendering.
- High suction of background can deprive the rendering of water needed for its hardening. Wetting the clean wall with water is recommended before rendering.

#### (2) Preparing the Mix

- Mix 5 parts of Ezi WP RENDER with 1 part of clean water by weight, until a smooth and creamy paste is achieved. Mechanical mixing is recommended.

#### (3) Spreading the Mix

- Apply Ezi WP RENDER with appropriate tools to achieve required thickness in layer(s).
- Let it cures for approximately 2 weeks before any further commencement.

### COMPANY INFORMATION

**Ezi MOTARTECH SDN. BHD.** (874800-D)

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### PRODUCT INFORMATION

Name	: Ezi WP RENDER
Packing	: 40kg
Shelf Life	: 12 Months in Dry Condition
Appearance	: Grey Coarse Powder
Dry Solid Content	: 100%
pH Value	: Alkaline
Toxicity Hazard	: No
Inflammability	: No

### APPLICATION DATA (Tested at approx. 25 °C)

Mixing Ratio	: Approx. 1 pbw. water to 5 pbw. Ezi WP RENDER (7-8 litres water to 40 kg of Ezi WP RENDER)
Consistency of Mix	: Creamy Paste Form
Coverage	: Approx. 23 kg/m <sup>2</sup> (for 15 mm bed thickness) Approx. 1.7 m <sup>2</sup> /40 kg (for 15 mm bed thickness)
Bed Thickness	: Recommended 5 - 15 mm Recommended 15 - 25 mm
Pot Life	: Approx. 60 minutes
Initial Setting Time	: Approx. 10 hours
Final Setting Time	: 24 - 48 hours (depending on atmospheric condition)
Drying Period	: 1 - 2 weeks (at thickness of 12 mm)
Application Temperature	: From +5 °C to Normal Ambient Temperature

### TECHNICAL DATA (Tested at approx. 25 °C)

Tensile Strength after 28 days (BS EN 1015-12 : 2000)	: 1.5 ± 0.10 N/mm <sup>2</sup>
Compressive Strength after 28 days (BS EN 1015-11 : 1999)	: 26 ± 1.00 N/mm <sup>2</sup>
Flexural Strength after 28 days (BS EN 1015-11 : 1999)	: 7.0 ± 0.10 N/mm <sup>2</sup>
Water Absorption	: < 1 %
Resistance to Heat	: +100 °C
Resistance to Frost	: -5 °C
Resistance to Water	: Good
Resistance to Alkalies	: Fair

Tested in Accordance to the Requirement of BS EN 1015

### MATERIAL SAFETY INFORMATION

A non-toxic, cement-based product which is considered non-hazardous in normal usage. Avoid inhalation, ingestion, skin and eyes contact. For more details, please refer to Ezi Material Safety Data Sheet.

When working with this product, recommended to follow the safety precaution below.



WEAR DUST MASK



WEAR SAFETY GOGGLES



WEAR HAND GLOVES



WEAR SAFETY SHOES



KEEP AWAY FROM CHILDREN