

# 4.1 Ezi PLASTER FINISH

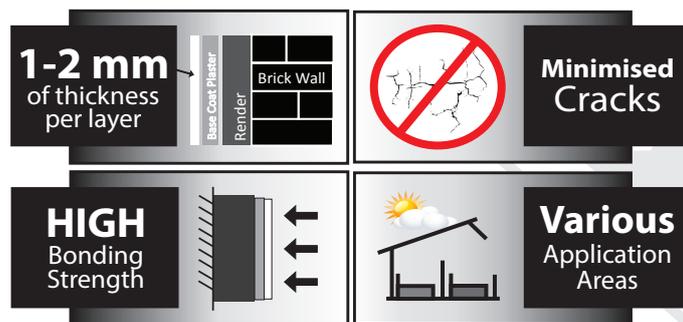
## SKIM COAT PLASTER - FINISH COAT



### DESCRIPTION

**Ezi PLASTER FINISH** is a fine grade, polymer modified, high performance, cement-based skim coat plaster. Conforming to the requirements of EN 12808-3.

### MAIN CHARACTERISTICS



### USAGE

#### Suitable to use for :

- re-surfacing and finishing of walls, ceilings and soffits.
- prior to further finishing application (e.g. painting, decorative coating, wallpaper and etc.).
- internal areas over concrete, cement-sand render, base coat plaster and etc.
- thickness between 1 - 2 mm per layer.

**Note :** - Recommended to apply on surface with irregularities less than 2 mm over 3 m straightedge.

- Surface with irregularities of more than 2 mm, advisable for the application of Ezi PLASTER BASE before smoothing the substrate with Ezi PLASTER FINISH.
- Strictly do not apply over existing tiles, painted surfaces and uneven surfaces.

### COMPOSITION AND PERFORMANCE

**Ezi PLASTER FINISH** is a combination of binder, filler and special additives.

**Ezi PLASTER FINISH** offers the following benefits when mixed with clean water:

- Good Compressive Strength
- Good Flexural Strength
- Minimised Cracks
- Greater Bonding Strength
- User Friendly
- Good Workability
- Water Resistant Properties
- Minimised Efflorescence

### PRODUCT INFORMATION

Name	: Ezi PLASTER FINISH
Packaging	: 25 KG
Shelf Life	: 12 Months in Dry Condition
Appearance	: Grey or White Fine Powder
Dry Solid Content	: 100%
pH Value	: Alkaline
Toxicity Hazard	: No
Inflammability	: No

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

Mixing Ratio	: 40-42pbw. of water for 100pwb. of powder (10.0-10.5 litres of water for 25KG of powder)
Consistency of Mix	: Creamy Paste Form
Coverage	: Approx. 21 m <sup>2</sup> per bag (at 1 mm thickness)
Bed Thickness	: Recommended 1 - 2 mm per layer
Workability	: Good (Smooth)
Pot Life	: Approx. 1 - 2 hours
Initial Setting Time	: Approx. 3 - 4 hours
Final Setting Time	: Approx. 24 hours (depending on atmospheric condition)
Application Temperature	: From +5 °C to Normal Ambient Temperature

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

Flexural Strength	: 2.7 ± 0.50 N/mm <sup>2</sup>
Compressive Strength	: 6.5 ± 0.50 N/mm <sup>2</sup>
Resistance to Heat	: + 100 °C
Resistance to Frost	: - 5 °C
Resistance to Water	: Good
Resistance to Alkalis	: Fair
Resistance to Acids	: Fair
Resistance to Oil & Solvent	: Fair

Tested in accordance to the requirement of EN 12808-3

## INSTALLATION PROCESS



Ensure the substrate is dry, flat and free of contaminants.



Mix Ezi PLASTER FINISH with clean water as per recommended ratio.



Spread at 1-2 mm per layer each time.



Level, compact and smoothen the plastering mortar with steel trowel.

### (1) Preparing the Substrate

- Substrate to receive Ezi PLASTER FINISH must be dry, flat and free of contaminants, e.g. dust, grease, laitance, oil, paint, etc.

- Substrate irregularity should be less than 2 mm under a 3 m straightedge.

- Substrate with high water absorption should be dampened with water before commencing plastering coat, to prevent loss of moisture from plastering mortar. This may enhance the efficiency of hydration for greater performance.

### (2) Preparing the Mix

- Mix Ezi PLASTER FINISH with recommended mixing ratio until a smooth, consistent and creamy paste is achieved. Mechanical mixing is recommended.

### (3) Spreading the Mix

- The creamy paste should be used immediately after mixing. No standing time is required.

- Spread the plastering mortar onto the substrate using appropriate plastering trowel, steel float or any other similar tools.

- Spread Ezi PLASTER FINISH at the thickness of 1-2 mm per single layer of application.

- Press firmly to ensure a good contact is achieved.

- If greater thickness is required, apply additional layers separately; the layer underneath must be dry before spreading the subsequent layer. Alternatively, Ezi PLASTER BASE (base coat plaster) is recommended before applying Ezi PLASTER FINISH.

- It is necessary to use steel trowel to level, compact and smoothen the plastering mortar.

- Allow the plastered surface to set for at least 1-2 weeks before commencement of painting works.

**Note:** - Tiling on plastered surfaces are not advisable.

### 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

### COMPANY INFORMATION

**MANUFACTURED BY:** Ezi MOTARTECH SDN. BHD. (874800-D)

#### FACTORY ADDRESS

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