

4.2 Ezi PLASTER BASE

SKIM COAT PLASTER – BASE COAT



MADE IN MALAYSIA

PRODUCT INFORMATION

Name	: Ezi PLASTER BASE
Packing	: 25 KG or 40 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	: 33-35pbw. of water for 100pbw. of powder (8.25-8.75 litre of water for 25KG of powder) (13.2-14.0 litre of water for 40KG of powder)
Consistency of Mix	: Creamy Paste Form
Coverage	: Approx. 6 m ² per bag for 25 KG Approx. 9.6 m ² per bag for 40 KG (at 2 mm thickness)
Bed Thickness	: Recommended 2 - 4 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)

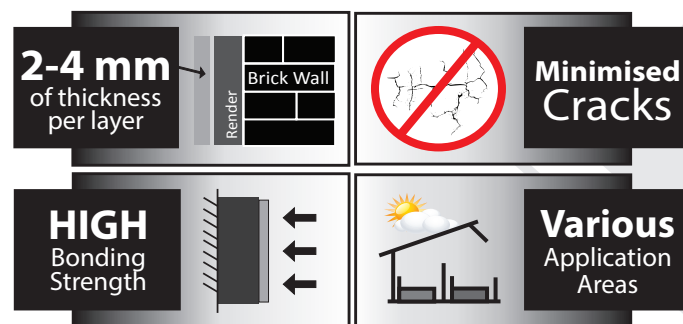
Flexural Strength	: 3.8 ± 0.50 N/mm ²
Compressive Strength	: 9.8 ± 0.50 N/mm ²
Resistance to Heat	: + 100 °C
Resistance to Frost	: - 5 °C
Resistance to Water	: Good
Resistance to Alkalies	: Fair
Resistance to Acids	: Fair
Resistance to Oil & Solvent	: Fair

Tested in accordance to the requirement of EN 12808-3

DESCRIPTION

Ezi PLASTER BASE is a coarse 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 :

- levelling, re-surfacing, patching and finishing of walls, ceilings and soffits.
- prior to further finishing application (e.g. Ezi PLASTER FINISH, painting, decorative coating, wallpaper and etc.).
- internal areas over concrete, cement-sand render, block wall and etc.
- Thickness between 2 - 4 mm per layer.

Note : - Recommended to apply on surface with irregularities less than 4 mm over 3 m straightedge.

- Surface with irregularities of more than 4 mm, advisable for the application of Ezi PREMIX MODIFIED RENDER (cement-sand render) before applying Ezi PLASTER BASE.
- Strictly do not apply over existing tiles, painted surfaces and uneven surfaces.

COMPOSITION AND PERFORMANCE

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

Ezi PLASTER BASE 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

INSTALLATION PROCESS



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



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



Spread at 2-4 mm per layer each time.



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

(1) Preparing the Substrate

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

- Substrate irregularity should be less than 4 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 will enhance the efficiency of hydration for greater performance.

(2) Preparing the Mix

- Mix Ezi PLASTER BASE 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 needed.

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

- Spread Ezi PLASTER BASE at the thickness of 2-4 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.

- 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 further commencement (e.g.: plastering, painting & etc.).

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)

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