

E.MIX ALC RENDER

PREMIXED CEMENT-BASED RENDER FOR EXTERNAL ALC WALLS



E.MIX ALC Render is a high quality cement-based render specially developed for the application on external ALC wall surfaces. E.MIX ALC Render can also be used for patching works on ALC walls prior to rendering. It is intended to replace conventional cement-sand render. Rendered surface can be sponge-finished. Various finishes can be applied on the rendered wall.

PRODUCT BENEFITS



TECHNICAL DATA & PHYSICAL PROPERTIES

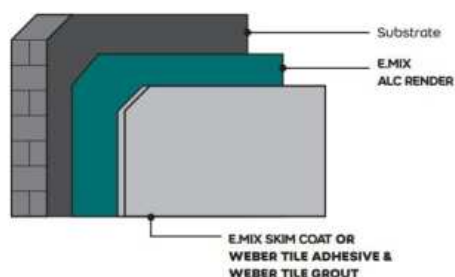
Colour	: Grey
Binder	: Ordinary Portland cement / Hydrate lime
Filler	: Graded silica
Aggregate Size	: 2.5 mm max
Additives	: Water soluble additives to improve workability, water retention, durability and adhesion
Pot Life	: Approx. 1 hours
Coat Thickness	: 5 - 15 mm per coat
Coverage	: Approx. 1.6 kg/ m ² /mm thick
Water demand	: Approx. 8 liters / 40 kg bag

USAGE

- Internal and external ALC wall surfaces rendering
- Suitable for patching works on ALC walls prior to rendering

FEATURES AND BENEFITS

- Low VOC
- Specially designed for ALC blocks
- Application on the rendered wall with various finishes
- Shrinkage compensated: reduce the chance of shrinkage cracks
- Suitable to receive paint with E.MIX Skim Coat series products
- Single component: fixed mixing proportion, ensure the quality of work
- Compatible to cementitious Weber waterproofing series products
- Convenient: premixed to replace conventional cement sand render
- Suitable for tiling with receiving Weber Tile Adhesive and Weber Tile Grout series products



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PREPARATION

- Ensure the substrate (ALC Block Wall) is clean, structurally sound, adequately true and level to achieve specified tolerances, free from contamination, loose particles, grease, lacquer, plastics or traces of foreign materials, and protrusions such as wood peels, nails, excess mortar or any joints with tolerance that cannot be covered by the thickness of plaster.
- All cutting, chasing, fixing of concealed conduits, service outlets, fixing pads and the like and making good of the background are completed.
- All ALC Block wall surfaces should be properly cured prior to plastering.
- Substrate is to be moistened overnight and also at the time before the installation. No stagnant or frequent water flow on substrate is allowed immediately prior to installation.

APPLICATION / USAGE

- Remove dust, loose particles, grease and traces of foreign materials. Dampen the dry absorbent surface before application of E.MIX ALC Render
- Mix one bag (40 kg) of E.MIX ALC Render in approximately 7.0 – 8.0 liters of clean water using electrical hand mixer. A suitable mixing time is 3 – 7 minutes depending on the type of mixing equipment. For better mixing, it is advisable to use more than 700 rpm electrical mixer.
- Apply the E.MIX ALC Render on the wall with desired thickness by steel trowel.
- Wall rendering of 5 – 15 mm thick should be in 1 coat. Minimum recommended thickness for external rendering is 10 mm. Wall rendering of 15 – 20 mm thick should be applied with 2 coats on the same day on ALC block. Second coat should be applied 5 – 6 hours after the first coat and first coat has to be at least 80 – 90% dried or touched hard and the surface need to scratch or left coarse before the application of the second coat.
- The mixture of E.MIX ALC Render in the pot must be used within 1 hours.
- Natural air curing for E.MIX ALC Render is enough. Water mist is not required for interior application. However, water mist is requested under the extreme hot or dry weather condition. Minimum 7 days curing is required for receiving paint or fixing tiles

PROTECTION

- Recommend to wear HIOSH approved or equivalent particulate facemask 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.

Note :

Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this technical data sheet is for general guidance only

COVERAGE

Approximately 1.6 kg/ m²/mm thick
Approximately 1.6 m² / 15 mm thick / 40 kg bag

PACKING

Available in 40kg bag

SHELF LIFE / STORAGE

6 months if stored in a dry place.

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TECHNICAL SERVICES

For further details or recommendation please contact our Technical Advisory / Specification Center at 603-6038 9498 (KL) & 604-626 2830 (Penang)

PRECAUTION

Avoid inhaling dust. If material enter eyes, wash out immediately with Clean Water. May cause minor skin irritation; therefore use suitable gloves. Keep out of children reach.



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