



E.MIX Eco Render

ECO-FRIENDLY PREMIXED CEMENT RENDER FOR BRICK, BLOCK AND CONCRETE WALLS, PATCHING AND GENERAL USES IN DRY OR WET INTERIOR AND EXTERIOR CONDITIONS

DESCRIPTION :

E.MIX Eco Render is a high quality cement-based render for application on brick walls, block walls and concrete surfaces. For application on smooth concrete surfaces, key coat or roughening of the receiving surface is required. **E.MIX Eco Render** contains recycled material and is a green-labelled product endorsed by the Singapore Green Building Council. It is intended to replace conventional site-mixed cement-sand render. Ceramic tiles can be fixed on the **E.MIX Eco Render** surface. **E.MIX Eco Render** should not be used on painted surfaces or floors.

USAGE :

- Interior and exterior cement render for:
 - o Brick walls
 - o Block walls
 - o Concrete surfaces
- Suitable for patching and repairing concrete

FEATURES AND BENEFITS :

- Eco-friendly
- High water resistance
- 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** products
- Convenient: premixed to replace conventional cement sand render
- Suitable for tiling with receiving **Weber Tile Adhesive** and **Weber Tile Grout** series products

PREPARATION :

- Ensure the substrate 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 concrete 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.
- Smooth substrate like reinforced concrete wall (precast or cast in-situ), surface preparation like spatterdash (**E.MIX Easi Render 09 + webermix multibond**) or bonding agent (**weberprim SP1**) is required.

TECHNICAL DATA	
Colour	: Grey
Binder	: Cement
Filler	: Graded silica sand
Aggregate Size	: 2.0 mm max
Additives	: Water soluble additives to improve workability, water retention, durability and adhesion
Density	: 1.8 kg/L (Dry) : 1.9 kg/L (Wet)
Pot Life	: Approx. 1 hours
Coat Thickness	: 5 – 15 mm per coat
Coverage	: Approx. 1.6 kg/ m ² /mm thick
Water demand	: Approx. 7.8 liters / 40 kg bag



APPLICATION :

- Remove dust, loose particles, grease and traces of foreign materials. Dampen the dry absorbent surface before application of **E.MIX Eco Render**
- Mix one bag (40 kg) of **E.MIX Eco Render** in approximately 6.8 – 7.6 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 Eco Render** on the wall with desired thickness by steel trowel. When applying several layers, the layer underneath must be dried before application of the subsequent layer.
- Wall rendering of 5 – 15 mm thick should be in 1 coat. Wall rendering of 15 – 25 mm thick should be applied with 2 coats on the same day on spatterdashed concrete or blockwork. 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 Eco Render** in the pot must be used within 1 hours.
- Natural air curing for **E.MIX Eco 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.

TECHNICAL SERVICES :

For further details or recommendations 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.

Conditions Of Sales :

Sold subject to Company's Condition of Sale, which is available upon request.

Note :

All instruction and information are provided by us for the general guidance only and are believed to be accurate and complete. Users must exercise special care and caution depending on the conditions and particular purpose of usage and are responsible to ensure that they have consulted our latest literature. To the maximum extent allowed by law, Saint-Gobain Weber (M) Sdn Bhd, its representatives, agents or distributors shall be under no liability for any loss of profits and other economic or physical losses.

Marketing Offices :

SAINT-GOBAIN WEBER (M) SDN BHD (169772-A)

SELANGOR :

No. 29 & 31, Jalan TIAJ 2/1, Taman Industri Alam Jaya, 42300 Bandar Puncak Alam, Selangor D. E, Malaysia.

Tel : 603-6038 9498 / 9497 / 9487 Fax : 603-6038 9507

Website : www.mys.weber

E-Mail : info.webermalaysia@saint-gobain.com

PENANG :

No. 8, Lintang Beringin 2, Jalan Permatang Damar Laut, Diamond Valley Light Industrial Park, 11960 Bayan Lepas Penang, Malaysia.

Tel : 604-626 2830 / 2829 Fax : 604-626 2106



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- FMM, Malaysia
- MCIG, Malaysia
- MBAM, Malaysia
- MGBC (Malaysia Green Building Confederation)
- SGBC (Singapore Green Building Council)
- SIRIM Working Group - MS 1294 & MS 1295

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EMS CERTIFIED TO ISO 14001 (CERT NO: MY13 / 04546)
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RENDER SERIES