



E.MIX Eco Base

ECO-FRIENDLY PREMIXED CEMENT-BASED PLASTER FOR WALL AND CEILING IN DRY OR WET INTERIOR ONLY

DESCRIPTION :

E.MIX Eco Base is high quality water resistant cement-based thin plaster especially intended for thin plastering or surface improvement works to concrete and block wall surfaces or as final coat on **E.MIX Eco Render** surface. **E.MIX Eco Base** can be used for general filling up and patching. A harden plastered surface can be smoothed with **E.MIX Eco Finish**, painted or wallpapered. Ceramic tiles can be fixed on the **E.MIX Eco Base** surface. **E.MIX Eco Base** should not be used on painted surfaces or floor. **E.MIX Eco Base** contains recycled material and is a green-labelled product endorsed by the Singapore Green Building Council.

USAGE :

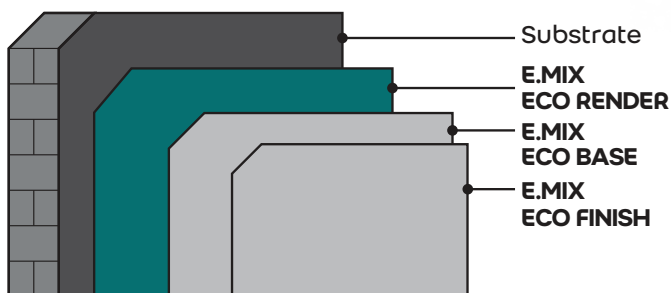
- Interior skim coat for wall and ceiling only:
 - Ceiling
 - ALC block wall
 - Plastered wall
 - Rendered wall
 - Concrete wall
 - Block wall

FEATURES AND BENEFITS :

- Eco-friendly
- High workability
- High water resistance
- Compatible to cementitious **E.MIX Eco** series products
- Harden plastered surfaces can be smoothed with **E.MIX Eco Finish**
- Single component: fixed mixing proportion, ensure the quality of work
- Shrinkage compensated: reduce the chance of shrinkage cracks

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.
- For spray application, substrate is to be moistened overnight and also at the time before commencement of spray operation. No stagnant or frequent water flow on substrate is allowed immediately prior to installation.



TECHNICAL DATA	
Colour	: Grey / White
Binder	: Cement
Filler	: Graded limestone/sand
Aggregate Size	: 0.5 mm max
Additives	: Water soluble additives to improve consistency, workability, water retention, and adhesion
Density	: 1.4 kg/L (Dry) : 1.8 kg/L (Wet)
Pot Life	: Approx. 2 hours
Coat Thickness	: 2 – 5 mm per coat
Coverage	: Approx. 1.5 kg/ m ² /mm thick
Water demand	: Approx. 13.4 liters / 40 kg bag



APPLICATION :

- Remove dust, loose particles, grease and traces of foreign materials. Dampen the dry concrete or rendered surfaces when necessary before application of **E.MIX Eco Base**.
- Mix one bag (40 kg) of **E.MIX Eco Base** in approximately 13.4 liters of clean water. Use of electrical hand mixer is recommended. 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. Allow mixture to stand for 10 minutes for additives to dissolve. Mix again and plaster is ready for use. The plaster is applied manually with a steel trowel or spatula. Excess plaster can be re-used.
- When applying several layers, the layer underneath must be dried before spreading the subsequent layer. The finished surface can be sanded with fine sandpaper when necessary.
- Plastering of 2 – 5 mm thick can be applied with one coat. Plastering for 5 – 10 mm thick can be applied with two coats on the same day, namely the first coat in 5 mm thick the second coat in 5 mm thick. The first coat has to be 80 – 90% dried or touched hard before the application of the second coats. Each coat should preferably not exceeding 5 mm.
- Natural air curing for **E.MIX Eco Base** is enough. Water mist is not required for interior application. However, water mist is required under the extreme hot or dry weather condition.
- Minimum 7 days curing is required for receiving paint.

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 1.5 kg/ m²/mm thick

Approximately 5.0 m² / 5 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



Member OF :

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

OHSMS CERTIFIED TO ISO 45001 (CERT NO: MY16 / 02151)
EMS CERTIFIED TO ISO 14001 (CERT NO: MY13 / 04546)
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