

E.MIX WP Render Eco

Eco-friendly, cement-based, waterproof plaster

E.MIX WP Render Eco is a cement-based, waterproof plaster used internally and externally. It serves as a render coat under Weber-E.MIX tile adhesives and tile grouts. E.MIX WP Render Eco contains recycled material and is a green-labelled product endorsed by the Singapore Green Building Council.



LEADER
SGBP 3935



PRODUCT BENEFITS



SINGLE COMPONENT



SHRINKAGE COMPENSATED



WATER REPELLENT

USES

E.MIX WP Render Eco is suitable for tiling works and is long-term water immersion. It is waterproof and can be used in exterior and interior conditions. E.MIX WP Render Eco should not be used on painted surfaces.

ADVANTAGES

- Highly water repellent
- Excellent vapour permeability
- Shrinkage compensated

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Grey
Component	Portland cement, non-reactive aggregate, graded sand, waterproofing and other chemical additives
Max. aggregate size	2.36mm
Density	Approx. 1.7 kg/ litre (dry); 1.75 kg/ litre (wet)
Thickness	10 - 15 mm for 1 coat; 20 - 30 mm for 2 coats
Water Demand	Approx. 15 - 18 % or 6 - 7.2 litres/40 kg bag
Pot life	Approx. 1 hour
Tensile Adhesion Strength (BS EN 1015-12: 2016)	$\geq 0.75 \text{ N/mm}^2$
Water Absorption (ASTM C413: 2018)	$\leq 5 \%$
Water Penetration (DIN 1048-5: 1991)	$\leq 5 \text{ mm}$

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

CONSUMPTION

Approx. 1.55 kg/m²/mm thick

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PROCEDURE & APPLICATION



Substrate Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. Where necessary, especially on hot and high absorbent substrates, dampen surface before application of the plaster.



Mixing

Mix E.MIX WP Render Eco with the required amount of clean water. Mix thoroughly with a mechanical mixer for 3 - 7 minutes until mixture is homogeneous.



Application

Application is done manually with a steel trowel. For thicker applications with several layers, the layer underneath must be hardened before applying the subsequent layer. For a smooth finish, use E.MIX Easi Plaster (Int/Ext) Eco.

Water mists are preferred but not always necessary for interior applications. Under extreme hot or dry weather conditions, water mist is required.

STORAGE & PACKING

E.MIX WP Render Eco is available in 40 kg bags.

Shelf life of 12 months if unopened and kept in sheltered and dry conditions.

HEALTH & SAFETY

E.MIX WP Render Eco 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. Please 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. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Jan '26)



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