

E.MIX Easi Render P Eco

Eco-friendly, semi-coarse premixed plaster

E.MIX Easi Render P Eco is a high-quality, premixed plaster for brickworks, lightweight concrete blockworks, and concrete surfaces. It is a cement-based and water-resistant plaster that can be used internally and externally. E.MIX Easi Render P Eco contains recycled material and is a green-labelled product endorsed by the Singapore Green Building Council.



PRODUCT BENEFITS



SINGLE COMPONENT



ECO FRIENDLY



EASY APPLICATION

USES

E.MIX Easi Render P Eco is suitable for tiling works, concrete patching as well as a masonry joint mortar for bed thicknesses of 5-25 mm. It is water-resistant and can be used in exterior and interior conditions. E.MIX Easi Render P Eco should not be used on painted surfaces.

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Grey
Binder	Ordinary Portland Cement
Filler	Graded sand (BS 1199)
Additives	Improve workability, water retention, durability and adhesion
Density	Approx. 1.8 kg/ litre (dry); 1.9 kg/ litre (wet)
Thickness	5 - 25 mm
Water Demand	Approx. 14 - 17 % or 5.6 - 6.8 litres/40 kg bag
Pot life	Approx. 1 hour
Tensile Adhesion Strength	Avg Strength $\geq 0.75 \text{ N/mm}^2$ (After 14 Days air-cured)
(BS EN 1015-12: 2016)	Min. Strength $\geq 0.60 \text{ N/mm}^2$ (After 14 Days air-cured)
Shear Adhesion Strength	Avg Strength $\geq 1.00 \text{ N/mm}^2$
	Min. Strength $\geq 0.70 \text{ N/mm}^2$
Compressive Strength	12 - 20 N/mm^2
(BS EN 1015-11: 1999)	
Consistence Retentivity	$\geq 65 \%$
(BS 4551: 2005 + A2: 2013)	
Water Retentivity	$\geq 95 \%$
(BS 4551: 2005 + A2: 2013)	
Stiffening Time	$\geq 240 \text{ mins}; \leq 360 \text{ mins}$ (1.0 N/mm^2)
(BS EN 1015-9: 1999) [Method A]	$\leq 500 \text{ mins}$ (2.0 N/mm^2)
Linear Shrinkage	$\leq 0.10 \%$
(ASTM C531: 2000) [2012]	

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.

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CONSUMPTION

Approx. 1.6 kg/m²/mm thick

PRECAUTION

No further addition of water is allowed to the unused plaster that has exceeded its pot life or has begun to set.

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 Easi Render P Eco with the required amount of clean water. Mix thoroughly with a mechanical mixer until the mixture is homogeneous.



Application

Apply with a steel trowel. For thicker applications with several layers, the layer underneath must be hardened and dry before applying the subsequent layer. For a smooth finish, use E.MIX Easi Plaster (Int/Ext) Eco. The wear resistance and adhesion of Easi Render P Eco can be further enhanced by the addition of E.MIX Bond Admix.

STORAGE & PACKING

E.MIX Easi Render P 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 Easi Render P Eco contains cement, which may produce an allergic effect. Material may irritate eyes and skin. In case of contact with eyes, rinse immediately with plenty of water, and seek medical assistance. After contact with the 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. (Nov '22)



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