

E.MIX Easi Plaster External Eco

Premixed, cement-based skimcoat for internal and external

E.MIX Easi Plaster External Eco is a premixed thin skimcoat for finishing walls and ceilings. It is a cement-based and water-resistant skimcoat designed for use in interior and exterior conditions. E.MIX Easi Plaster External 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 Plaster External Eco is designed for HDB skimcoat for interior and exterior conditions on walls and ceilings for most types of concrete, lightweight concrete blockwork, and rendered surfaces and painted surfaces. The hardened skimcoat surface can be painted or wall-papered.

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Grey
Binder	Ordinary Portland Cement
Filler	Graded Sand & Limestone Powder
Additives	Improve consistency, workability, water retentivity, and adhesion
Thickness	1 - 3 mm thick per coat
Water Demand	Approx. 34-37 % or 13.6-14.8 litres/40 kg bag
Pot Life	Approx. 1 hour
Tensile Bond Strength (BS EN 1015-12: 2016)	Avg Strength ≥ 0.8 N/mm ² ; Indiv Strength ≥ 0.6 N/mm ²
Tensile Bond Strength (Weathering) (BS EN 1015-12: 2016)	Loss of Strength $\leq 15\%$; No cracks or debonding
Compressive Strength (BS EN 1015-11: 1999)	Avg 7 - 12 N/mm ²
Setting Time (BS EN 196-3: 2016)	≥ 240 mins; ≤ 360 mins (Initial) ≤ 500 mins (Final)
Water Retentivity (BS 4551: 2005 +A2: 2013)	$\geq 95\%$
Linear Shrinkage (ASTM C531: 2000) [2012]	$\leq 0.10\%$

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. 1.2 kg/m²/mm thick

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PRECAUTION

No further addition of water is allowed to the unused skimcoat 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 skimcoat.



Mixing

Mix E.MIX Easi Plaster External Eco with the required amount of clean water. Mix thoroughly with a mechanical mixer until the mixture is homogeneous. Allow mixture to stand for 3-5 minutes for the additives to dissolve. Mix again and the skimcoat is ready for use.



Application

E.MIX Easi Plaster External Eco can be applied manually with a steel trowel. For thicker applications with several layers, the layer underneath must be hardened and dry before applying the subsequent layer.

STORAGE & PACKING

E.MIX Easi Plaster External 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 Plaster External 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 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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