

E.MIX Easi Screed Eco (HS)

Eco-friendly, high strength mortar for screeding and levelling

E.MIX Easi Screed Eco (HS) is a premixed, high-strength mortar for levelling rough and uneven concrete floors as an underlayment or overlayment for interior and exterior applications. E.MIX Easi Screed Eco (HS) contains recycled material and is a green-labelled product endorsed by the Singapore Green Building Council.



PRODUCT BENEFITS



USES

E.MIX Easi Screed Eco (HS) is for levelling rough and uneven concrete floors as an underlayment or overlayment. It provides a suitable substrate to receive ceramic and homogeneous tiles, marble, and granite slabs. E.MIX Easi Screed Eco (HS) can also be used to form slopes with a thickness between 15-75 mm.

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Grey
Binder	Ordinary Portland Cement/Blast furnace Slag
Filler	Graded Sand
Additives	Improve consistency, workability, and adhesion
Density	Approx. 1.9 kg/litre (dry); 2.0 kg/litre (wet)
Thickness	15-75 mm
Water Demand	Approx. 13-15 % or 5.2-6.0 litres/40 kg bag
Pot Life	Approx. 1 hour
Compressive Strength (ASTM C349: 2018)	> 40 N/mm ² (Class C40)
Flexural Strength (ASTM C348: 2018)	> 7 N/mm ² (Class F7)
Shrinkage (Coutinho Ring)	No cracks

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. 1.8 kg/m²/mm thick

PRECAUTION

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

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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 screed.



Mixing

Mix E.MIX Easi Screed Eco (HS) with the required amount of clean water. Thoroughly mix using a mechanical mixer until the mixture is homogeneous.



Application

E.MIX Easi Screed Eco (HS) can be applied manually by hand or by machine pump. Mortar level pads are recommended to ensure accurate levelling or sloping of E.MIX Easi Screed Eco (HS). Floors laid with E.MIX Easi Screed Eco (HS) should be cured for at least 24 hours before tiling works.

For thicker applications with multiple layers, the underlying layer must be hardened and dry before applying the subsequent layer. The wear resistance and adhesion of E.MIX Easi Screed Eco (HS) can be further enhanced by adding E.MIX Bond Admix.

STORAGE & PACKING

E.MIX Easi Screed Eco (HS) 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 Screed Eco (HS) 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. (Jun '25)



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