

E.MIX EASI SCREED

CEMENT-BASED MORTAR FOR LEVELLING OF CONCRETE FLOOR AND REPAIR OF SCREEDING UNDER INTERIOR OR EXTERIOR CONDITIONS



E.MIX Easi Screed is specially blended premixed hydraulic cement and non-reactive aggregate. The product is ready-to-use when mixed with clean water. It is easy-to-apply and useful for levelling rough and uneven concrete floors. The product is shrinkage compensated and can be troweled for screed repairing.

PRODUCT BENEFITS



FOR INTERIOR & EXTERIOR



SINGLE COMPONENT



EASY TO APPLY



WATER RESISTANT

TECHNICAL DATA & PHYSICAL PROPERTIES

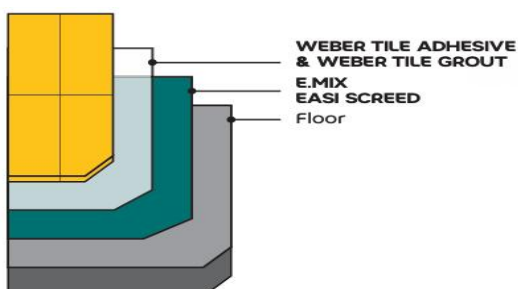
Colour	: Grey
Binder	: Cement
Filler	: Graded silica sand
Aggregate Size	: 4.5 mm max
Additives	: Water soluble additives to improve workability, water retention, durability and adhesion
Density	: 1.6 kg/L (Dry) : 1.7 kg/L (Wet)
Compressive Strength	: > 20 N/mm ²
Coat Thickness	: 5 - 50 mm per coat
Coverage	: Approx. 1.6 kg/ m ² /mm thick
Water demand	: Approx. 6.8 liters / 40 kg bag

USAGE

- Industrial buildings
- Residential buildings
- Commercial buildings
- Exterior screeding
- Screed repairing

FEATURES AND BENEFITS

- High compressive strength.
- Shrinkage compensated: reduce the chance of shrinkage cracks and debonding.
- Single component: fixed mixing proportion, ensure the quality of work
- Convenient: specially formulated premixed to replace conventional cement sand screed.
- Suitable for tiling with receiving **Weber Tile Adhesive** and **Weber Tile Grout** series products.



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PREPARATION

- The concrete substrate should be 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 screed.
- Weak or soft substrates, such as asphalt, which may be subject to movement under imposed load (either in use or during material curing), must be removed.
- Concrete contaminated by oil or grease may require flame gunning and/or treatment with a proprietary degreaser. Seal up all drainage outlet.
- Contraction joints, construction joints and cracks in the substrate which may be subject to movement after installation of E.MIX Easi Screed must be maintained as joints in the new surface.
- Surface preparation, Bond Coat Slurry with a ratio of 5 : 3 : 2 (Ordinary Portland Cement : Water : **webermix multibond**) should be brush on to the substrate, apply E.MIX Easi Screed while Bond Coat Slurry is still wet and sticky.

APPLICATION / USAGE

- Before application, dampen the substrate surface with clean water and allow access to drain away. It is better to wash the substrate by high pressure water jet before priming.
- Prepare the bond coat slurry with a ratio 5 : 3 : 2, OPC : water : **webermix multibond**. The bond coat slurry is brushed onto substrate. Apply the E.MIX Easi Screed while the priming slurry is still wet and sticky. If the priming slurry dried apply another fresh layer. Do not apply E.MIX Easi Screed onto dried slurry coat.
- Mix one bag (40 kg) of E.MIX Easi Screed in approximately 6.8 liters of clean water using electrical mixer to obtain a better flow performance. A suitable mixing time is 3 - 7 minutes depending on the type of mixing equipment.
- Screeding can be applied in one layer with a maximum thickness of 50 mm. Screeding from 50 mm - 100 mm thickness can be applied with two coats. The first coat should be left coarse or scratched after applying. The bond coat should be applied on the former layer which is hardened and stable. Then apply the second layer of not more than 50 mm thick. Mortar level pads are recommended to ensure correct and proper leveling.
- After 7 days of curing, the screed is suitable for tiling with receiving **Weber Tile Fixing Solution** or smoothing with **E.MIX Self-Levelling** series products.
- Water curing is necessary for the first 2 days.

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

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COVERAGE

Approximately 1.6 kg/ m²/mm thick
Approximately 0.5 m² / 50 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 recommendation 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.



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