

PRODUCT DATA SHEET

weberfloor easi screed

(Formerly known as E.MIX EASI SCREED)

Cement-based mortar for levelling of concrete floor and repair of screeding under interior or exterior conditions

PRODUCT

weberfloor easi screed is a specially blended pre-mixed hydraulic cement and non-reactive aggregate. The product is ready-to-use when mixes with clean water. It is easy to apply and useful for levelling rough and uneven concrete floors. The product is shrinkage compensated and used primarily to waterproof concrete floor. The product can be trowelled for screed repairing.

Uses

- Industrial buildings
- Residential and commercial buildings
- Exterior screeding
- Screed repairing

Features and Benefits

- Formulated to comply with British Standard, Hong Kong Standard, American Standard and Chinese Standard
- High compressive strength
- Shrinkage compensated: reduce the chance of shrinkage cracks and debonding
- Single component: fix mixing proportion, ensure the quality of work
- Suitable for tiling with receiving the **weber tile adhesive & tile grout** or smoothing with **weber self levelling** series products

TECHNICAL DATA

Colour	Grey
Component	Portland cement, non-reactive aggregate and other chemical additives
Max. aggregate size	4.0 mm
Water demand	Approx. 13 – 15% (5.2 – 6 L/40 KG bag)
Density	1.8 KG/L (dry) 2.2 KG/L (wet) for 14% water demand
Pot life	Approx. 1 hour
Thickness	10 – 50 mm
Coverage	Approx. 1.8 kg/m ² /mm
Theoretical consumption	Approx. 1.48 m ² / bag for thickness of 15 mm

PHYSICAL PROPERTIES

Adhesion to concrete	HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.15	$\geq 2 \text{ N/mm}^2$
Compressive strength	HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.1, BS 6319 : Part 2	$\geq 30 \text{ N/mm}^2$
Flexural strength	HKHA MTS (2002/2004) Spec. Part D, Cl. 2.1.2, BS 6319 : Part 3	$\geq 4 \text{ N/mm}^2$
Shrinkage	Coutinho Ring, HKHA MTS (2002/2004) Spec. Part D, Cl.2.1.6	No cracks observed

Unless specified, all technical data are average values and refer to 28 days curing time.

Above physical data are taken on laboratory tests. In situ material performance may vary according to environmental & workmanship conditions beyond manufacturer control.

Complied Standards

Hong Kong Standard : HKHA MTS (2002/2004) Spec. Part D, Cl.2.1.1, 2.1.15
 British Standard : BS 6319 : Part 3 : 1983, BS 4551 : Part 1 : 1980
 Chinese Standard : JG/T 230 : 2007

PROCEDURE

Substrate Preparations

The concrete substrate must be hard, sound and free from surface contamination.

All dust and contaminants should be vacuumed clean prior to installation.

Contraction joints, construction joints and cracks in the substrate which may be subject to movement after installation of **weberfloor easi screed** must be maintained as joints in the new surface.

Before application, dampen the substrate surface with clean water and allow excess water to drain away. It is recommended to wash the substrate by using high pressure water jet.

Mixing and Installation

Prepare the bond coat slurry by mixing **webertec bond coat** or **webertec EVA** with Ordinary Portland Cement (OPC) and water at a ratio of 2:5:3 (by weight of Admixture : OPC: water). Stir the mixture thoroughly by using an electric mixer.

For installation of bond coat slurry, a layer of slurry coat can be applied by brushing on the concrete surface. Subsequent installation of **weberfloor easi screed** should be applied on wet and sticky slurry coat.

When the bond coat slurry turns dry, apply another fresh layer. Do not apply **weberfloor easi screed** on dried Bond Coat Slurry.

Mix a bag of dry mix powder (40 kg) with approx. 13 – 15% (5.2 – 6 L) of water by using electric mixer for 3 – 7 minutes.

Pour **weberfloor easi screed** on the floor when the bond coat slurry is still wet and sticky.

weberfloor easi screed can be applied in one layer with a maximum thickness of 50 mm.

weberfloor easi screed with thickness of 50 – 100 mm should be applied with two coats. The first coat should be left coarse or scratched after applying. The priming bond coat slurry should be applied on the former layer, which is has hardened and to be able to receive light foot traffic. Then apply the second layer of **weberfloor easi screed** to a maximum thickness of 50 mm.

Mortar level pads are recommended to ensure correct and proper levelling

After 7 days of curing, **weberfloor easi screed** is suitable for tiling with receiving the **weber tile adhesive** and **tile grout** or smoothing with **weberfloor self levelling** series products.

(Details of the procedure please refer to our Method Statement.)

Curing

weberfloor easi screed can be cured with wet hessian, polyethylene or spray-on curing compound.

STORAGE AND PACKING

weberfloor easi screed is delivered in 40 kg bag. Storage life is 12 months if the product is kept in a dry place.

HEALTH AND SAFETY

Recommend to wear NIOSH approved or equivalent particulate face mask when mixing the material.

Material contains cement, which may produce an allergic effect.

Keep out of reach of children.

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 refer to Material Safety Data Sheet (MSDS) for health, safety and handling of the product.

* Note: The information and physical data in this catalogue is given to the best of our knowledge under standard testing method and controlled environment. The results may vary with different weather / site conditions, workmanship or substrates. This is beyond our control that we shall not be liable for any faults or consequences arising or associated with this. We suggest comprehensive tests to be conducted before final application. Unless specified, all technical data are average values with curing time of 28 days. We reserve the right to update or amend the contents in the light of new findings during the course of research and development.