

## PRODUCT DATA SHEET

# webermix grano 60

(Formerly known as E.MIX GRANO 60)

High strength concrete mix as granolithic topping or repair of floor under interior or exterior conditions

### PRODUCT

**webermix grano 60** is a two-component high performance concrete which consists of specially blended pre-mixed hydraulic cement, graded sand and non-reactive aggregate. The product is ready-to-use after mixing with clean water. It is easy-to-apply and useful for levelling rough and uneven floors. The product is used primarily as granolithic topping. The product can also be trowelled for screed repairing.

### Uses

- Interior and exterior floor areas
- Floor repairing
- Industrial buildings
- Residential and commercial buildings

### Features and Benefits

- Formulated to comply with European Norm and British Standard
- High compressive strength
- Single component : fixed mixing proportion, ensure the quality of work
- Shrinkage compensated : reduce the chance of shrinkage cracks and debonding
- Suitable for tiling with **Weber TILE ADHESIVE & TILE GROUT** or smoothing with **Weber SELF-LEVELLING** series products

### TECHNICAL DATA

	Part A 25 kg (dry-mixed powder)	Part B 15 kg (aggregate pack)
Colour	Grey	n/a
Component	Portland cement, non-reactive aggregate, waterproofing and other chemical additives	
Max. aggregate size	7 – 10 mm	
Water demand	Approx. 14 – 18% (3.5 – 4.5 L/25 KG bag)	
Density	1.5 KG/L (dry) for Part A 2.3 KG/L (wet) for Part A mixed with Part B	
Pot life	Approx. 1 hour	
Thickness	Minimum 25 mm	
Coverage	Approx. 2.1 kg/m <sup>2</sup> /mm	



## **PHYSICAL PROPERTIES**

Compressive strength	BS 6319 : Part 2	$\geq 60 \text{ N/mm}^2$
Slump test	BS EN 12350-2	$\leq 75 \text{ mm}$
Slant shear bond strength	BS 6319 : Part 4	$\geq 55 \text{ N/mm}^2$
Tensile strength	BS 6319 : Part 7	$\geq 4.5 \text{ N/mm}^2$

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**

European Norm : EN 12350-2  
British Standard : BS 6319 : Part 4: 1983, BS 6319, Part 7: 1985

## **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.

It is recommended to wash the substrate by using high-pressure water jet.

Contraction joints, construction joints and cracks in the substrate which may be subject to movement after installation of **webermix grano 60** must be maintained as joints in the new surface.

### **Mixing and Installation**

Before application, dampen the substrate surface with clean water and allow excess water to drain away.

Prepare the Bond Coat Slurry by mixing 1 part **webertec bond coat** or **webertec EVA** with 1 part of Ordinary Portland Cement by weight, then stir thoroughly until a homogeneous slurry coat is obtained.

Apply a layer of boat coat slurry by brushing on the concrete substrate.

Apply the screeding material while the bond coat slurry is still wet and sticky.

If the slurry coat dries, it must be thoroughly re-applied.

Mix a bag of dry-mixed powder (Part A) (25 KG) with approx. 14 – 18% (3.5 – 4.5 L) of water with a mechanical pan mixer for 3 – 5 minutes.

Mix thoroughly until the material is homogeneous and in the desired workability, then add the aggregate pack (Part B) and mix completely.

Pour mixed **webermix grano 60** on the floor when the priming Bond Coat Slurry is still wet and sticky.

**webermix grano 60** is applied with a minimum thickness of 25 mm and trowel smooth for required surface flatness.

Mortar level pads are recommended to ensure correct and proper levelling

After 7 days of curing, **webermix grano 60** is suitable for tiling with receiving **weberset tile adhesive & tile grout** or smoothing with **weberfloor self levelling** series products.

Please refer to our method statement for procedures in details.

### **Curing**

**webermix grano 60** can be cured with wet hessian, polyethylene or spray-on curing compound.

### **STORAGE AND PACKING**

**webermix grano 60** is delivered in 25 kg bag (Part A) with 15 kg aggregate pack (Part B). 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.