

PRODUCT DESCRIPTION

PlekoMortar MB is a cement based, pre-blended cementitious masonry mortar suitable for internal or external use. It is composed of hydraulic binders, selected aggregates, and special chemical additives, and is designed for cement and concrete blocks or panels. It is easy to use by just adding water, improving on-site quality control.

USES

General purpose masonry mortar for interior and exterior use for filling walls and joints.

APPROVED SUBSTRATES

PlekoMortar MB can be used directly onto rough surfaces such as block walls and bricks.

PACKAGING

25 or 50 kg in multiply paper bag or 1-1.5Ton in jumbo bag

COVERAGE

15-30 m/50Kg @ 10mm depending on block size, roughness and application method.

Recommended thickness between 8-40 mm

Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **Easy to use**
- **Economical**
- **Superior Workability**
- **Factory Controlled Quality**
- **For Wet or Dry Conditions**
- **For Internal & External Use**
- **Weather Resistant**

TECHNICAL DATA

Appearance	Free-flowing Grayish powder
Density (Kg/L \pm 0.5)	1.86
Water Demand (%)	13 - 16
Pot Life (min)	80-100
Tensile Bond Strength* (N/mm ²)	\geq 0.15
Compressive Strength* (N/mm ²)	\geq 12
Flexural Strength* (N/mm ²)	\geq 2

*after 28 days

Applicable Standards: BS EN 998-1 :2010; EN 1015-2; EN 1015-10; EN 1015-11; EN 1015-12; EN 1015-18; EN 12808-4

INSTALLATION

SUBSTRATE PREPARATION

Surface must be sound, clean, dry, free of bond-inhibiting materials such as paint, grease, oil, efflorescence, form release agents and curing compounds. Moisten slightly the substrate with clean water prior to application. Surface should appear damp with no water running.

MIXING

Use a clean container free of all foreign substances for preparing and mixing material. Use a heavy duty electric drill and mixing paddle. Add in small increments while mixing thoroughly to achieve lump-free consistency. Avoid working excessively to prevent air entrapment. Let mixture set for 5 minutes and re-temper. Small amount of clean water may be added if necessary to improve workability, but do not add water once the mixed mortar starts to harden.

For small amounts can be mixed manually but ensure to maintain recommended mixing ratio, mix until homogeneous.



APPLICATION

Apply PlekoMortar MB using trowel on the surface and joints where the blocks are mounted as would be done with conventional cement sand mixture. Once applied material starts to set smooth joints to remove any protrusion or unevenness.

LIMITATIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for 24 hours after application. Protect from direct sunlight, wind and rain during application

Do not mix with any additive or product unless recommended by Pleko.

Pleko bears no responsibility for the defects due to the improper or non-recommended use of the product.

CLEANING

While still fresh, soluble in water. Clean all equipment with water immediately after use. After hardening, tools should be cleaned mechanically.

STORAGE

Store in cool, dry, well-ventilated area, protected from freeze, heat and direct sunlight and at a temperature between 4°C (40°F) and 38°C (100°F), in tightly sealed original container off the ground. Storage time must not exceed one year.

HEALTH AND SAFETY

Avoid contact with eyes and skin. Prevent inhalation of dust.

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by

cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention.

Attention

This product is intended for use by qualified professional contractors, as a component of a larger construction system and specification. It should be installed in accordance with given instructions and specifications. Information listed above reflects the criteria for our internal quality test and practical experience. Results depend on listed instructions and consumer skills and are therefore out of our responsibility whether expressed or implied. All values are valid for the product when dispatched from the plant. Technical data are generated under laboratory conditions, some variations are expected due to weather, site, and application conditions which are beyond the control of the manufacturer. We reserve the right to change any given specification without notice.