

PRODUCT DESCRIPTION

PlekoMortar Plug is a cementitious, rapid setting, plugging mortar. It requires only the addition of water to harden in seconds and plug water leaks in concrete and masonry walls. It is composed of special hydraulic binders, selected aggregates, fibers, and special chemical additives. It is supplied as a ready-to-mix dry powder, improving on-site quality control.

USES

Recommended where rapid setting and early strength gain is required to instantly plug water leaks and seepage through cracks, construction joints, porous beds, niches... in water reservoirs, concrete and brick tunnel linings, parking lots, underpasses, elevator shafts, sewage systems, foundations, mines

Particularly suitable to durably patch-up prior to waterproofing installation. Suitable for use in internally and externally; in cold, hot and tropical conditions.

APPROVED SUBSTRATES

Suitable for concrete, masonry and natural stonework.

PACKAGING

5Kg resealable plastic buckets, 20 kg multiply paper bag.

COVERAGE

Depending on the size of the water leak, 1.6-1.8Kg to plugs a 1 liter volume. Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **Quick Setting**
- **Easy to use**
- **Durable**
- **Chloride Free, Non Toxic**
- **Factory Controlled Quality**

TECHNICAL DATA

Appearance	Free-flowing Grayish powder
Aggregate Size	Up to 1mm
Bulk Density (Kg/L \pm 0.5)	1.25
Water Demand (%)	25
Setting Time (sec)	60-90
Compressive Strength (N/mm ²)	>32

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... Loose or hollow portions should be removed by mechanical treatment. Surface should be wet. Leak area must be cut out back with clean edges to a roughened surface for a better mechanical grip, leaving an appropriate 15-20mm chase for receiving plugging mortar.

MIXING

Use a clean container free of all foreign substances for preparing and mixing material by gloved hand or trowel to obtain a malleable consistency. PlekoMortar Plug must be added to the water and mixed swiftly. Due to the rapid setting of the product, only prepare a small quantity of mortar which can be placed immediately. In cold weather, use lukewarm water. In higher temperatures, use cold water.

APPLICATION

Immediately after mixing, press the plug firmly into the area ensuring maximum contact with the substrate and hold firmly in place until initial set. If necessary, apply a further amount of powder until subsidiary seepage stops. Large leaks must be stopped progressively.

CURING

PlekoMortar Plug surface should be kept cool and moist for 15 minutes.

LIMITATIONS

Only use in presence of water leakages.

After setting, the product can no longer be troweled.

Low temperatures delay setting times, high temperatures shorten the setting time 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 six month.

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.

The product is non-flammable

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.