

## DECORATIVE MORTAR FOR PATIOS AND PATHS

### Presentation

#### Areas of use:

Decorative coating for external floors (patios, swimming pool decks, garden paths, driveways suitable for light vehicle use)

#### Composition:

Two component hydraulic mortar.

Component A: powder; Component B: liquid

#### Properties:

Application in 2 mm thickness, 2 layers applicable in one day, excellent mechanical resistance, adherence and waterproofing properties.

#### Packaging:

25 kg kits

### Application

#### Substrate and substrate preparation:

Sound concretes and concrete derivatives. Excluded from use on tiling and flagstones, even with the use of a specific adherence primer. Substrates should be sound, dry, rigid, stable and clean (free from oily stains and cloudy/milky surface finishes). Substrates should conform to current building regulations.

Active cracks and expansion joints should be left open and should not be covered by the finishing mortar. They should be treated using a flexible joint after the decorative coating application.

The substrate must be flat (no more than 5 mm under a 2 m ruler). If this is not the case, level the floor before proceeding.

The substrate should be insulated from all possible rising damp from beneath as well as from the edges.

#### Preparation:

A/B: 0.80/0.20 (0.80 kg of component A for 0.20 kg of component B). Refer to the mixing table on the powder container.

Never add water.

The performance of the product relies on a strict adherence to the mixing proportions of components A and B as listed in order to avoid a reduction in mechanical resistance.

#### Application:

Before application, check the moisture level of the substrate (4% maximum humidity).

Temperature	>10°C and <30°C
Temperature of the substrate	>10°C and <35°C
Relative humidity	< 80%
Protect from wind, direct sunlight, rain and frost, as well as from the surrounding fauna and flora during the application and drying process	

**Application tools:**

Plastering trowel, finishing trowel, wide plastering knife

**Application:**

Place a clean container on a set of scales and set to zero. Pour 5 kg of component B into the container.

Then add 20 kg of component A.

Only prepare a quantity that is usable in 40 minutes.

Mix using an electric mixer (at very slow speed) until the product is evenly mixed, with no lumps.

To avoid mortar bubbles, humidify the substrate (pressure sprayer) before applying the product, taking care not to create residual surface water and avoid saturating the substrate.

Apply an initial layer approximately 1 to 2 mm thick with a plastering trowel or finishing trowel. This first layer determines the amount of product applied as well as the desired material finish. It is important to apply the product by making crosswise and varied movements.

Apply a thin second layer. This second layer determines the finished aspect of the coating. The finish can be more or less textured in order to reinforce the non-slip qualities of the mortar, especially on surfaces that are frequently wet. Brushed or granular finishes are particularly suitable for areas where users are often barefoot, greatly reducing the risks of slipping and falling.

It is important to note that stainless steel application tools can leave dark marks (especially on clear colours). Use of a plastic tool may be preferable.

2 days (20°C, 60% RH) after the mortar application, and without preliminary sanding, apply 2 finishing coats of MA's solvent-based oil-repellent impregnator.

This gives the mortar a satin finish, darkening the colours slightly (wet look).

**Consumption:**

2 kg per m<sup>2</sup> and mm of thickness

**Drying times at 20°C with 60% relative humidity:**

Application time	Approximately 40 minutes
Dry to the touch	4 hours
Between layers	4 to 6 hours
For light use	12 hours
Fully dry	2 days Full mechanical resistance after 28 days

**Tool cleaning:**

Water

**Technical features**

**Product features:**

*Product appearance in container:* Component A: coloured powder; Component B: white liquid; Mix: fluid mortar.

*Finished appearance:* Coloured granular mortar.

**Density A+B (at 20°C):** approximately 2

**Flash point:** Not applicable

**Product use timeframe:** approximately 40 minutes at 20°C

**Additional data:**

The more textured and granular the finish, the higher the non-slip properties of the mortar. The mortar is not designed to support regular vehicle traffic.

**Maintenance**

Remove stains rapidly, using MA's cleaning products.

We recommend cleaning the mortar once a year with a high-pressure cleaner.

Do not use acid or solvent based detergents.

As stains and scratches are more visible on very clear or very dark colours, we recommend more frequent cleaning for these colours (please refer to the maintenance guide).

It is also recommended that surfaces be protected from regular friction and impacts (casters, furniture legs, shoes with studded soles, stones, pointed, sharp and blunt objects, etc.) in order to avoid possible marks.

#### **Storage and safety**

12 months in the original, unopened packaging, away from direct sunlight and frost, at a temperature between +5° and 35°C. Check the use by date on the packaging before use.

For further information concerning safety, please consult the Safety Information Sheet.

VOC emission levels are also available in part 15 of the Safety Information Sheet.

*The information given in this technical sheet is an indication only and cannot be used to hold Marius Aurenti in any way responsible. Please carry out product tests on a small area before proceeding.*

*For all further information concerning product use and security, please refer to the Safety Information Sheet.*