

# MALTER 10

*Cement- lime based mortar for indoor and outside machine application*

## FIELD OF APPLICATION

Mortar for machine rendering of indoor and outside walls and ceilings, on concrete, brick, blocks of concrete and lightweight concrete (siporex) or other mineral substrates. Suitable for dry and wet rooms.

## PROPERTIES

- Mix powder with water to prepare the product;
- For indoor and outside use;
- Suitable for machine and manual application;
- Simple to prepare and apply;
- Fine workability and adhesion.

## TECHNICAL FEATURES

PROPERTY	METHOD	DECLARED VALUE
Appearance	-	grey powder
W/M		0,18-0,20
Compressive strenght	EN 13892-2	≥ 1MPa
Flexural strenght	EN 13892-2	≥ 0,5MPa
Bond strenght	EN 1015-12	≥ 0,3MPa
Density of fresh material	EN 1515-6	1,4-1,5g/cm <sup>3</sup>
Pores	EN 1015-7	25+/-3%
Maximal granulation size	-	Dmax=1,2mm
Workability at temperature of 10-30°C	-	30-40min
Temperature of the substrate and air during the application	-	5-35°C

## METHOD OF APPLICATION

### SUBSTRATE PREPARATION

Apply Malter 10 on sound and firm substrate, cleaned of dirt, grease and dust, without cracks and labile parts. Suitable substrate for Malter 10 is concrete, bricks, blocks of concrete, lightweight concrete, plaster, or other mineral substrates. In case the concrete substrate has cracks, they must be repaired using suitable materials. For very dry and porous substrate, according to the circumstances, the substrate may need primer of Vrska U or Ading Betokontakt to improve the adhesion.

### APPLICATION

Prepare Malter 10 using clean water (add 4.5-5l water on 25kg Malter 10) and mix it until homogenize. Apply it manual using trowel or use automatic mortar machine for the application. Workability of Malter 10 is 30-40min. Temperature during the application should be between 5-35°C.

When application of final acrylic coating or decorative mortar on the rendered substrate with Malter 10 is required, prime the substrate using Prajmer V or Hidrofas Grund.

## CONSUMPTION

for 1mm thick layer: ~1.2 K/m<sup>2</sup>

## MAINTAINING

Clean tools and equipment with water right after use.

## PACKING

Valve bags of 25kg

## STORAGE

In dry rooms, in original, closed packing on temperature between 5-35°C. Best before: 12 months.

**Health hazards:** Avoid contact of the product with the skin, and avoid inhalation of the powdery material. The material is non-toxic; however, in case of accidental contact, in the event of skin contamination, wash the affected skin areas immediately with water and soap. If the material splashes into the eyes, rinse them immediately with plenty of water and seek medical assistance. Additional information is provided in the Material Safety Data sheet of the product.

**Fire:** Malter 10 is non-flammable. Additional information is provided in the Material Safety Data sheet of the product.

**Cleaning and disposal:** Loose residues of Malter 10 should be cleaned with water. The old and used packaging should be disposed in accordance with the local rules and regulations for that type of waste.

We recommend that the method of application and the necessary quantities should be adjusted to the conditions of the building, as well as mandatory use of appropriate equipment. Additional information is provided in the Material Safety Data sheet of the product.