

CEMENTNO KREČNI MAŠINSKI MALTER OJAČAN POLIMEROM

Opis

MCK 23 MONDAL Cementno krečni mašinski malter je mašinski malter ojačan polimerom i vlaknima.

Oblasti upotrebe

- *Spoljna i unutrašnja upotreba.
- *Na zidovima od gas-betona.
- *Na betonskim platnima.
- *Na blokovima i ciglama.

Karakteristike proizvoda

- *Odlično prijanja zahvaljujući svom hemijskom sastavu.
- *Lako se nanosi.
- *Omogućava laku i brzu upotrebu mašine.
- *Veoma ekonomičan jer smanjuje gubitak materijala.

Priprema

Priprema površine

Površina nanošenja mora biti čvrsta, ravna, čista, bez prašine ili buđi. Potrebno je obezbijediti odgovarajući nivo vlage i adekvatno pripremiti površinu.

Priprema mase

Čistu posudu za miješanje napuniti potrebnom količinom vode određene skalom, polako dodavati **MCK 23 MONDAL Cementno krečni mašinski malter**. Miješati mikserom 3-5 minuta dok se ne dobije homogena smjesa. Sačekati 5 minuta, ponovo je promiješati i smjesa je spremna za upotrebu.

Odnos smjese

4,5 – 5,5 litara vode za 25 kg praha
0,180-0,220 litara vode za 1 kg praha

Način primjene

Pripremljena smesa **MCK 23 MONDAL Cementno krečnog mašinskog maltera** se nanosi na površinu mašinski ili gletericom. Površina treba biti nakvašena vodom ili premazana prajmerom. Nanosi se u potrebnom sloju, najviše do 2 cm. Ukoliko se javi potreba za većom debljinom potrebno je sačekati da se prvi nanos maltera osuši pa tek onda nanijeti drugi sloj. Nakon nanosa dovoljnog sloja maltera potrebno je uglačati površine koje su završene.

Potrošnja

Potrošnja zavisi od debljine nanosa materijala, odnosno glatkoće površine na koju se nanosi.

Skladištenje:

Skladištiti na suvom mjestu u originalnoj neotvorenoj ambalaži, najviše u deset redova.

Rok upotrebe:

12 mjeseci od datuma proizvodnje pod navedenim uslovima skladištenja.

Upozorenje:

Prilikom upotrebe isključivo koristiti zaštitnu opremu predviđenu zakonom. Spriječiti kontakt maltera sa očima. Držati van domašaja djece, čuvati dalje od hrane i pića. U slučaju da malter dođe u kontakt sa očima ili se unese u organizam, obavezno kontaktirati najbližu medicinsku ustanovu.

Sastav materijala: Sadrži polimere i pojačan cement.

Boja: Siva

Temperatura rada: +5 °C /+30 °C

Vrijeme korišćenja (20 °C): 45 minutes

Potrošnja (za 2 cm debljine): 25-30 kg/m²

Period pripreme: 5 minutes

Stvrdnjavanje: 24-48 hours (20 °C)

Gustina suve mase: 1500±100 kg/m³

Otpornost na pritisak: CS IV ≥ 6.0 N/mm²

Čvrstoća: ≥ 1 N/mm²

Absorbicija kapilarne vode: ≤ 0.4 kg/m²min^{0.5}

Paropropustljivost: ≤ 15 μ

Test sušenja: 28 days (20 °C)

Proizvod dostiže optimalne vrijednosti 28 dana nakon njegove primjene na temperaturi od +23C i 50% relativne vlažnosti. Vrijednosti se mogu promijeniti zbog razlika u radnom okruženju.

POLYMER REINFORCED CEMENT BASED LIME MORTAR

Description

MCK 23 Mondal Cement Based Lime Mortar is a fiber and polymer reinforced cement based lime mortar.

Areas of Usage

- * On inner and outer places.
- * On the places which have been used aerated concrete.
- * On the concrete places.
- * It is applied on the briquettes and bricks.

Features of Product

- * It adheres perfectly thanks to the chemicals inside.
- * It is easy to apply.
- * It allows easy and fast usage on the machine.
- * It is economical since its rebound is not too much.

Application Procedure

Surface Preparation

The surface of the application must be solid, flat, clean, without dust or mold. It is necessary to provide adequate moisture level and adequately prepare the surface.

Mixing

A clean mixing bowl to be filled with required amount of water determined by the scale, and slowly add **MCK 23 Mondal Cement Based Lime Mortar**. Mix with a mixer for 3-5 minutes until a homogeneous mixture is obtained. Wait for 5 minutes, mix again and mixture is ready for use.

Mixture ratio

4,5-5,5 liters of water for 25 kg of powder
0,180-0,220 liters of water for 1 kg powder

Application Method

The prepared mixture of the **MCK 23 Mondal Cement Based Lime Mortar** to be applied to the surface by machine or glitter. The surface should be moistened with water or coated with primer. It has to be applied in the required layer, up to 2 cm maximum. If there is a need for greater thickness, it is necessary to wait for the first application of the mortar to dry, and then apply a second layer. After applying a sufficient layer of mortar, it is necessary for the surfaces that are finished to be brought to equal level.

Consumption

Consumption depends on the thickness of the coating material, or smoothness of the surface to which it is applied.

Storage:

Best stored in dry place in their unopened package with a maximum 10-fold stacking.

Shelf Life:

12 months following the production date under the specified storage conditions.

Warning:

Use only with the protective equipment provided by local law. Prevent contact with the eyes. Keep out of children, keep away from food and drinks. In case that the material comes into the eyes or enter into body, you need to contact the nearest medical institution.

Structure of the material: It contains polymer modified special cement.

Color: Grey

Application temperature: +5 °C /+30 °C

Pot life (20 °C): 45 minutes

Consumption (for 2 cm thickness): 25-30 kg/m²

Maturation period: 5 minutes

Ready within: 24-48 hours (20 °C)

Dry bulk density: 1500±100 kg/m³

Compressive strength: CS IV ≥ 6.0 N/mm²

Bond strength: ≥ 1 N/mm²

Capillary water absorbency: ≤ 0.4 kg/m²min^{0.5}

Water vapor permeability: ≤ 15 μ

The drying test: 28 days (20 °C)

The typical values above are valid for the performances of the applications 28 days after their finish at +23°C for 50% relative humidity. The values might change due to the differences in the surrounding.