

MALTER ZA GASBETON BLOKOVE - ZIDARSKI RADOVI

Opis

ACG 10 MONDAL Malter za gasbeton blokove - zidarski radovi je praktičan jednokomponentni malter za zidanje na bazi cementa, specifične veličine zrna za popunjavanje, koji sadrži hemikalije koje povećavaju njegovu sposobnost obrade.

Oblasti upotrebe

Koristi se za zidanje građevinskih elemenata sa visokom apsorpcijom vode kao što su gasbeton blok i cigle.

Karakteristike proizvoda

- * Otporan je na brzu apsorpciju vode kod gasbeton blokova.
- * Brzo se ne suši.
- * Lako se primjenjuje.
- * Ušteda vremena i rada.
- * Otporan je na vodu i mraz.

Procedura primjene

Priprema površine

Površinu nanošenja treba očistiti od materijala koji umanjuju spajanje kao što su prašina, ulje i prljavština. Prije primjene površinu treba nakvasiti.

Priprema smjese

Čistu posudu za miješanje napuniti potrebnom količinom vode određenom pomoću skale. **ACG 10 MONDAL Malter za gasbeton blokove** polako dodavati u vodu. Miješati 3-5 min. manjom brzinom dok se ne dobije homogena smjesa. Ostaviti smjesu da odstoji 5 min., promiješati je još jednom prije upotrebe.

Odnos smjese

6,0-7,5 litara vode za 25 kg praha.
0,240-0,300 za 1 kg praha.

Primjena

Pripremljena smjesa treba da se nanosi na vertikalne i horizontalne površine gasbeton blokova pomoću lopatice 10 * 10 * 10 mm kako bi se nanijela ista debljina. Nakon nanošenja maltera na gasbeton isti treba da bude upotrijebljen u preiodu od 10 min. Tokom zidanja treba ostaviti fuge maksimalno 3 mm vertikalno i vodoravno i napuniti ih **ACG 10 MONDAL Malterom za gasbeton blokove**.

Potrošnja

Količina **ACG 10 MONDAL Maltera** koja se koristi za zid od 1 m²

Debljina bloka (cm)	10	12.5	15	17.5	20	22.5	25	27.5	30
ACG 10 maltera (kg/m ²)	1.5	1.9	2.2	2.6	2.9	3.3	3.7	4.0	4.4

Tačke koje treba uzeti u obzir

- * Za nanošenje **ACG 10 MONDAL Maltera za gasbeton blokove** temperatura okruženja mora biti u rasponu od +5°C do +30 °C. Ekstremno visoke ili niske temperature kao i kišno i vjetrovito vrijeme nije pogodno za nanošenje maltera.
- * U već pripremljeni malter koji počinje da se suši ne preporučuje se naknadno dodavanje vode ili materijala.
- * Površine gasbetona treba nakvasiti vodom prije primjene.
- * Ukoliko postoje neravnine na podu treba ih izravnati upotrebom klasičnog maltera.

Skladištenje: Skladištiti na suvom i hladnom mjestu u originalnoj neotvorenoj ambalaži u ne više od 10 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.

Tehničke karakteristike

Struktura materijala: Sadrži polimerom modifikovan specijalni cement i mineralni filer.

Boja: Siva

Period sazrijevanja: 5 minuta

Period primjene: 2 sata (20°C)

Temperatura nanošenja: + 5°C/+30°C

Sila pritiska (28 dana): ≥ 5 N / mm²

Test sušenja: 28 dana (20°C)

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

MASONRY MORTAR FOR AERATED CONCRETE

Description

ACG 10 MONDAL masonry mortar for aerated concrete is a practical single component cement based gas concrete masonry mortar at the size of a special grain filling, containing chemicals that increasing processing ability.

Areas of Usage

It is used in the masonry of constructional elements such as gas concrete and bricks with high water absorbency capacity.

Features of Product

- * It is resistant to water absorption of gas concrete.
- * It does not dry quickly.
- * It is easy to apply.
- * It saves time and labor.
- * It is resistant to water and frost.

Application Procedure

Surface Preparation

The application surface should be cleaned from adherence decreasing materials such as dust, oil and dirt. It should be moisturized before the application.

Mixing

A clean mixing bowl is filled with the necessary amount of water by means of a scale **ACG 10 MONDAL Mortar For Aerated Concrete** is slowly added into the water. It is mixed with a low speed mixer for 3 – 5 minutes until obtaining a homogenous mixture. The mixture waits for 5 minutes in the mixing bowl and mixed again to get it ready for use.

Mixture ratios

6.0-7.5 liters of water for 25 kg powder.
0.240-0.300 for 1 kg powder.

Application

The prepared mixture should be spread on the vertical and horizontal surfaces of the gas concrete blocks using a 10*10*10 mm comb to apply the same thickness. The combed mortar should be covered with the material to be adhered within approximately 10 minutes. During masonry, there should be grouts of maximum 3 mm vertically and horizontally and the grouts should be completely filled with **ACG 10 MONDAL Mortar For Aerated Concrete**.

Consumption

The amount of the **ACG 10 MONDAL Mortar** to be used for a wall of 1 m²

Block thickness (cm)	10	12.5	15	17.5	20	22.5	25	27.5	30
ACG 10 mortar (kg/m ²)	1.5	1.9	2.2	2.6	2.9	3.3	3.7	4.0	4.4

Points to take into consideration

- * For the application of, **ACG 10 MONDAL Mortar For Aerated Concrete** application temperature has to be above +5°C and under +30°C. Extremely hot, rainy or windy weather is not suitable for application.
- * After the mortar is once prepared and start of dry water and new material should not be added in mixing bowl.
- * The gas concrete block surfaces should be moisturized with water before the application.
- * The first row should be built leveled by using classic mortar to fix the roughness on the floor.

Storage: Best stored in cool and 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.

Technical Feature

The structure of the material: Mineral filling, polymer modified special cement

Colour: Grey

Maturation Period: 5 minutes

Application Period: 2 hours (20°C)

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

Compressive strength (28 DAYS): ≥ 5 N/mm²

Test drying : 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 worksite environment.