

GLET MASA NA BAZI CEMENTA OJAČANA POLIMEROM

Opis

Glet masa na bazi cementa ojačana polimerom i vlaknima.

Oblast upotrebe

GM 25 MONDAL Glet Masa se koristi za fino ravnanje spoljnih i unutrašnjih grubih površina kao i izloženih betonskih površina.

Karakteristike proizvoda

*Omogućava dobijanje snažne i glatke površine zahvaljujući dobrom prijanjanju.

*Ekonomična je i lako se nanosi.

*Otporna je na spoljne faktore jer je ojačana vlaknima.

*Preporučuje se mašinsko nanošenje.

Priprema

Priprema površine

Površina nanošenja mora biti čvrsta, ravna, čista, bez prašine ili buđi. Pukotine i rupe na površini moraju biti zakrpljene. Treba eliminisati rizik ranog sušenja na brzo upijajućim površinama. Da bi povećali performanse **GM 25 MONDAL Glet Mase** potrebno je obezbijediti odgovarajući nivo vlage ili nanijeti prajmer.

Priprema mase

Čistu posudu za miješanje napuniti potrebnom količinom vode određene skalom, polako dodavati **GM 25 MONDAL Glet Masu**. 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

5,0 – 6,0 litara vode za 25 kg praha.

0.200-0.240 litara vode za 1 kg praha.

Način primjene

Pripremljena masa se nanosi gletericom na unaprijed pripremljenoj površini u debljini od maksimum 4 mm.

Tačke koje treba uzeti u obzir

*Za nanošenje **GM 25 MONDAL Glet mase** temperatura okruženja mora biti iznad 5 °C i ispod 30 °C. Ekstremno visoke ili niske temperature kao i kišno i vjetrovito vrijeme nije pogodno za nanošenje.

*U već pripremljenu masu koja je počela da se suši se ne preporučuje naknadno dodavanje vode ili materijala.

*Već pripremljenu masu treba iskoristiti u vremenskom periodu od 45 min na temperaturi od 20 °C.

*Površinu na kojoj je nanijeta masa treba zaštititi od sunca i vjetra 24 časa nakon nanošenja.

Skladištenje: Čuvati u originalnoj neotvorenoj ambalaži na suvom i hladnom mjestu u maksimum 10 redova.

Rok upotrebe: 12 mjeseci od datuma proizvodnje pod navedenim uslovima skladištenja.

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

Tehničke specifikacije

Struktura materijala: Mineralna punila, specijalni aditivi, cement

Boja: siva

Temperatura primjene: +5 °C /+30 °C

Vrijeme čekanja: 5 minuta

Debljina primjene: 2-4 mm

Vrijeme korišćenja: (20 °C): 45 minuta

Potrošnja: min. 2.5 kg (za 2 mm debljinu)

Stvrdnjavanje: 24 sata (20 °C)

Otpornost na pritisak: $\geq 6 \text{ N/mm}^2$

Čvrstoća: $\geq 0.5 \text{ N/mm}^2$

Absorpcija kapilarne vode: $\leq 0.4 \text{ kg/m}^2\text{min}^{0.5}$

Paropropustljivost: $\leq 15 \mu$

Klasa zapaljivosti: A1

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.

POLYMER REINFORCED CEMENT BASED FINISHING THIN PLASTER

Description

It is a cement based, fiber and polymer reinforced finishing thin plaster.

Areas of Usage

GM 25 MONDAL Finishing Thin Plaster applied on coated rough cast indoors and outdoors. Thin plaster should be preferred on exposed concrete surface applications.

Features of Product

* It provides a strong surface thanks to its high adhering and resistance strength.

* It is economical and easy to apply.

* It is resistant to external factors since it is fiber-reinforced.

* Finishing thin plaster should be preferred in machine applications.

Application Procedure

Surface Preparation

The application surface should be strong, clean, dust-free, set and leveled. The cracks and holes on the surface must be fixed. Early drying and shedding risk of the adhesive should be eliminated in highly absorbent surfaces. The surface should be adequately prepared.

Mixing

A clean mixing bowl is filled with the necessary amount of water by means of a scale. Then, **GM 25 MONDAL Finishing thin Plaster** is slowly added. It is mixed with a low speed mixer for 3 - 5 minutes until obtaining a homogenous mixture. The mixture waits for 5 minutes and mixed again to get it ready for use.

Mixture ratio

5-6 liters of water for 25 kg of powder

0.200-0.240 liters of water for 1kg powder.

Application Method

The prepared mixture is applied on the surface which has been saturated with water or primed as thick as maximum 4 mm using a trowel.

Points to take into consideration

*For **GM 25 MONDAL Finishing Thin Plaster** application, if the ambient temperature is below +5°C or above +30°C, the suitable conditions should be met. Extremely hot, rainy or windy weather is not suitable for application.

*The crusted plaster should not be mixed with water and new material.

*The prepared mixture should be used within 45 minutes at 20 °C.

*The surface where plaster has been applied should be protected from sun and wind for 24 hours.

Storage:

Best stored in cool and dry place in 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 Specifications

Structure of the material: mineral fillings, special additives and cement

Color: Grey

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

Maturation period: 5 minutes

Application thickness: 2-4 mm

Pot life(20 °C): 45 minutes

Consumption: min. 2.5 kg (for 2 mm thickness)

Ready within: 24 hours (20 °C)

Compressive strength: $\geq 6 \text{ N/mm}^2$

Bond strength: $\geq 0.5 \text{ N/mm}^2$

Capillary water absorbency: $\leq 0.4 \text{ kg/m}^2\text{min}^{0.5}$

Water vapor permeability: $\leq 15 \mu$

Fire reaction class: Class A1

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.