



TECHNICAL DATA SHEET

G-MAK

MACHINE PLASTER MORTAR

DESCRIPTION:

Grey cement-based, reinforced with fiber and chemical additives, resistant to water and moisture, 1st layer machine plaster for interiors and exteriors which provides smooth surface at one layer application

APPLICATION AREAS:

Applied by spraying machine as the first layer plaster as horizontal and vertical at indoors & outdoors on brick, gas concrete, pumice, concrete walls and ceilings where application thinner than 1,5 cm is adequate.

ADVANTAGES:

- * G-MAK machine plaster provides labor & time advantage, by it's easy preparation and application features.
- * Provides high adhesion and durability.
- * Provides less consumption at unit area by it's special formula.
- * Prevents formation of shrinkage cracks due to it's fiber reinforcement.
- * Provides resistance to water & moisture due to it's water repellent feature.
- * Provides a sound, straight and smooth surface for upper applications with one layer application.

SURFACE PREPARATION:

Application surfaces should be clean, sound and free from dust. Adhesion barrier materials (oil, dirt, dust etc.) should be cleaned from the surface, cement-mortar residues should be scraped. Gaps & cracks on the surface should be repaired with RP-1200 or RP-800 repair mortars at least 1 day before the application. If needed, surface should be cleaned with water. PRIMER-ST primer should be used at least 1 hour before the application to reduce water absorption of the surface in very hot & windy weather. Smooth surfaces should be notched. PRIMER-PL should be used at least 1 day before the application to ensure high adhesion strength and to reduce water absorption on smooth surfaces such as concrete. Plaster levelling bars should be fixed to the wall min. 1 day before the application in accordance with the application thickness.

PRODUCT PREPARATION:

35 kg G-MAK machine plaster is poured into the hopper of the plaster spraying machine. Water-plaster ratio of the machine should be fixed as 7,25 - 8,25 liters of clean water for 35 kg G-MAK. Hopper of the machine shouldn't be empty during the application.

APPLICATION METHODS:

- * G-MAK machine plaster mortar is sprayed to the surface with spraying machine. Application thickness should be max. 1,5 cm in a single layer.
- * After spraying is completed, fresh surface is smoothed by a template.
- * In case the application thickness exceeds 1,5 cm, 2nd layer application should be done after 1 day from the 1st layer.
- * When plaster surface starts getting dry, it is corrected with water and finishing trowel.
- * If 2nd layer application will be done, 1st layer shouldn't be smoothed.
- * Final smoothing is made with water and a steel trowel for a few times before surface gets completely dry.
- * If a finishing plaster application will be done on G-MAK, 1st layer surface should not be corrected and smoothed.
- * After setting time is completed, the surface becomes ready for the other applications on it.
- * Ambient and surface temperature should be between +5°C and +30°C during the application.
- * Any additional material (such as lime, cement, gypsum etc.) should not be added in the prepared mortar.
- * Mortar should not be applied on unsound and loose surfaces.
- * Surface should be protected from airflows and sudden temperature changes during and after the application.
- * Mortar should not be applied on frozen, melting or within 24 hours danger of frost surfaces.
- * Hardened mortar should not be used by adding water and mix again.
- * For high efficiency, plaster corner profiles should be used at corners.
- * For high efficiency, plaster mesh should be used at joints of different materials and moving points.
- * RECOMMENDATIONS: W-100 satin finishing plaster, W-DECO decorative plaster, W-DECO/L linear textured decorative plaster, thermal insulation systems, proper paint applications with paint primer or coating material (tile, etc.) applications with NUR tile adhesives can be applied on G-MAK.

SHELF LIFE:

Unopened original packages can be stored in dry (%60 R.H.) and cool (between +5°C and +25°C) environments for up to 12 months.

APPLICATION LIMITS:

Maturation Time: 5 min.
Workability Time: 40 min.
Drying Time: minimum 2 days

UNIT CONSUMPTION:

3 m² / 35 kg Package (Application thickness: 1 cm)



System 4

NUR KİREÇ SAN. TİC. VE PAZ. LTD. ŞTİ.
Güzel Cumhuriyet Mah. Çimento Bulv. No:23 PK: 01965
Yüreğir/Adana/Türkiye
"NUR YAPI KİMYASALLARI"
17

TS EN 998-1 / 02.2017

GP

Interior And Exterior Plaster For General Purpose

Reaction To Fire	A1 Sınıfı
Dry Bulk Density	1450 ± 250 g/L
Compressive Strength	CS III (3,5 - 7,5 N/mm ²)
Adhesion Strength	> 0,2 N/mm ²
Capillary Water Absorption	W0
Water Vapor Permeability	μ ≤ 15
Thermal Conductivity Coefficient	≤ 0,75 W/mK (P=%50)

PERFORMANCE DECLARATION NO

998-1 / PB-01.007



GHS05



GHS07

H315: It causes skin irritation.

H318: It causes serious eye damage.

H335: It may cause respiratory irritation.

P280: Wear protective gloves/protective cloths/eye protection /face protection.

P305 In case of contact with eyes, rinse carefully with water
P351 a few minutes. If available and easy, remove contact
P338: lenses. Continue rinsing.

