

mortars

MGK 40

Water-repellent masonry mortar,
M5 class



Product description

Dry premix, based on selected inerts, hydrated lime, hydraulic binder, eminently hydraulic lime, special additives and water-repelling agent.

Supply and Storage

MGK 40 is supplied in bulk, in a 22m³ silo.



Surface Preparation and Application

The surface must be free from dust, efflorescence, oils and fats. When temperatures are high, it is advisable to wet out the brick before laying.

For the application, operate as follows: Adjust the water intake of the mixer to reach optimum consistency (for product delivered in silo). Proceed with application after having placed alignment and lead weights, taking care to properly attach each item.

Fields of use

MGK 40 is a masonry mortar that is used on all types of exterior and interior walls. Due to its high mechanical strength, it is suitable for load-bearing walls. Also available in M10 class, upon request.

Specifications

The elements used for the elevation of the walls, both internal and external, type hollow bricks, concrete blocks, etc. must be carefully enticed with the premixed mortar MGK40 (M5 or M10 class) from Fornaci Calce Grigolin, dry premix based on selected calcium-silicate inerts, aerial and hydraulic binders, special additives to improve workability and grip and waterproofing agent to increase water repellence.

Technical data according to the UNI EN 998-2 Standard

Specific weight	1.600 kg/m ³ determined in free fall
Maximum diameter	3 mm
Pot life	2 h
Water in the mix	approx. 15%
Hygrometric withdrawal	0,45 mm/m
Min. application thickness	0,5 cm
Chloride content	< 0,01%
Resistance to initial cut	0,15 N/mm ² (tabulated value)
Mechanical resistance to flexion at 28 days	> 3 N/mm ²
Mechanical resistance to compression at 28 days (M5)	> 7 N/mm ²
Fire resistance	A1 class
Water vapor permeability →	15/35 (tabulated value)
Thermal conductivity	0.82 W/mK (tabulated value)

Disclaimers

Do not mix MGK40 with other substances. Avoid extreme changes in heat while hardening. The product must be protected from frost and rapid drying. Avoid using MGK40 when temperatures are below +5°C or above +30°C. Wet surface before application. Do not apply onto frozen surfaces.

I dati riportati si riferiscono alle prove di Controllo Qualità in condizioni ambientali normalizzate. Applicazioni pratiche di cantiere a seconda delle condizioni di esercizio possono rilevare dati sensibilmente modificati, pertanto le informazioni presenti nella Scheda hanno valore puramente indicativo in quanto l'utilizzatore deve sempre verificarne l'idoneità nell'impiego del prodotto assumendosi la responsabilità derivante dall'uso. Fornaci Calce Grigolin S.p.A. si riserva di apportare e modificare le tecniche di qualsiasi genere senza alcun preavviso.

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