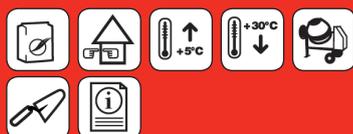




MALTA UNICA

Special lightweight multi-purpose fibrous mortar for masonry and hand plastering, class M5



Product description

MALTA UNICA is a special easy-to-apply multi-purpose lightweight fibrous mortar based on selected aggregates, unground alluvial sands free of silt, hydrated lime, hydraulic binder, synthetic fibres, specific additives and perlite. The composition makes the product extremely light and easy to use, and allows MALTA UNICA to be used for masonry work, hand plastering, sealing traces and cracks, protecting installations and for DIY work.

MALTA UNICA is an integral part of the SistemaCASA application cycle of Fornaci Calce Grigolin.

Supply and storage

MALTA UNICA is supplied in bags on pallets with extensibility.

Store in a cool, dry and non-ventilated place. Keep packaging intact. Use within the expiry date stated on the bag.

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Substrate preparation and application methods

The substrates to be covered must be free of dust, efflorescence, oil and grease. At high temperatures, it is advisable to wet the brick well before laying. For application, proceed as follows: prepare the mix by dosing about 18 litres of water per 100 kg of MALTA UNICA; mix in the mixer and if necessary add water until the optimum consistency is reached (for supply in sacks) or adjust the flow meter of the mixer until the optimum consistency is reached (for supply with silo system); proceed with assembly after positioning the alignment and leads, taking care to ensure that each individual element is correctly bedded.

Fields of application

MALTA UNICA is a mortar for fibrous masonry that can be used in all types of exterior and interior masonry. Due to its special formulation, it can also be used for hand plastering, closing traces and other minor works, for closing traces and cracks, for protecting installations, for DIY works.

Specifications

The elements used for the elevation of both internal and external walls, such as hollow bricks, cement blocks, etc., must be carefully bedded with MALTA UNICA multi-purpose light fibred mortar by Fornaci Calce Grigolin, pre-mixed dry mortar based on selected aggregates, unground alluvial sands free of silt, hydrated lime, hydraulic binder, synthetic fibres, specific additives to improve workability and adhesion and perlite. If used for plastering work, the thickness will be 1.5 cm max per coat.

Warnings

Do not mix MALTA UNICA with other substances. Avoid large temperature changes during the setting phase. The product must be protected from frost and rapid drying. Do not use MALTA UNICA at temperatures below +5°C or above +30°C. Wet the substrates well before application. Do not apply on frozen substrates.

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 modifiche tecniche di qualsiasi genere senza alcun preavviso.

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TECHNICAL DATA according to standard UNI EN 998-2	PERFORMANCE
Specific weight	1450 kg/m ³ free-fall deter.
Maximum diameter	2 mm
Operating time	2 h
Mixing water	18% approx.
Hygrometric shrinkage	0.45 mm/m
Minimum application thickness	0.5 cm
Chloride content	< 0,1%
Initial shear strength	0.15 N/mm ² (tabulated value)
Mechanical flexural strength at 28 days	> 2 N/mm ²
Mech. res. to compr. at 28 days (cat. M5)	> 5 N/mm ²
Reaction to fire	class A1
Water vapour permeability μ	15/35 (tabulated value)
Thermal conductivity λ	0.65 W/mK (tabulated value)

v. 05/2021

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