

galileo

UNIX

Premixed mortar, cementous, universal, polymer-modified, for skim plastering and/or localized rehabilitation interventions.



Product description

GALILEO UNIX is a fiber reinforced, cementous, mono-component, premixed mortar.

Supply and Storage

Packaging: 25 kg. bag (60 bags pallet - 1,500 kg.)

Consumption: approx. 1.3 kg./sqm. per cm. thickness.

GALILEO UNIX is available in special paper and high-density and thickness polyethylene bags that allow for the product to be stored in a dry place for at least 8 months, without loss of performance characteristics.

Surface Preparation and Application

Before applying GALILEO UNIX, it is necessary to thoroughly clean the surface by scraping, sand-blasting or any other suitable methods, to eliminate pollutants that may hinder product grip (roes of cement, disarming oil). Carefully test the strength of the surface to be treated (in particular in the case of old coatings). Remove any dusty and/or inconsistent elements from the surface. The application of the product on surfaces which are not perfectly coherent and/or insufficiently substantial may prejudice the technical characteristics of the material. Prior to application, soak the area with plenty of water, with particular attention in the presence of absorbing surfaces. The mixing of GALILEO UNIX must be made by power drill at low revs. First add the water (4/5 of total) in the container and then add the powder. After a first blending, add the remaining quantity of water and mix to obtain a homogeneous mixture with the desired consistency. GALILEO UNIX should be mixed with water at a rate of approx. 21 liters per 100 kg. of powder (about 5.2 liters per 25 kg. bag, depending on the type of intervention: for smaller repairs, a smaller quantity might be sufficient). GALILEO UNIX may be applied by trowel or spatula. The thickness of application may vary from 1 to 5 mm. per layer.

In case of restoration of areas with limited surface (crawl spaces, cracks), thicknesses up to 2 cm. in a single layer may be sufficient. Once the product has reached the condition known as "out of touch", finish with a float. A proper finishing can effectively counteract the appearance of any superficial cracks. GALILEO UNIX should be applied at temperatures between 5°C and 30°C; In case of strong winds or sunlight, protect the surface in the first few days after application. In the case of low temperatures, mechanical performance may develop somewhat slower. Do not apply onto gypsum surfaces.

Fields of use

GALILEO UNIX is intended for shaving interventions on masonry and concrete, on old and new plasters, on facades with plastic or regular coatings: its particular rheology also allows for localized, non-structural shaving and restoration interventions on concrete.

Technical data

Water in the mix	approx. 21%
Fresh mass volume	1550 kg/m ³
Max. particle size	0,5 mm
Application thickness	1 - 10 mm
Mechanical resistance to compression (UNI 196) 28 days	9 MPa
Mechanical resistance to flexion (UNI 196) 28 days	2,5 MPa
Permeability to water vapor	$\mu = 15$



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.

Numero Verde
800 350907

www.fornacigrigolin.it
info@fornacigrigolin.it

Grigolin
evoluzioni costruttive