



PALLADIO® MULTICALCE

White universal skim plaster, fiber reinforced, based on hydrated lime CL-90 S and white cement, for plastering, leveling and restoration of internal and external surfaces, on new and ancient buildings.



Product description

PALLADIO MULTICALCE is a fiber reinforced, mono-component, premixed skim plaster, based on slaked lime MICROCALCE CL 90-S and white hydraulic binder, calcareous aggregates of selected particle size and special additives to improve workability and adhesion.

Fields of use

PALLADIO MULTICALCE is intended for skim plastering interventions on masonry and concrete, on old and new plasters, and for the recovery of irregular surfaces, with application in thickness up to 30 mm in a single layer.

PALLADIO MULTICALCE can be used as a skim plaster on existing surfaces. It can be applied on already painted surfaces (without using primers) after verification of the support.

MULTICALCE

Surface preparation

Before applying PALLADIO MULTICALCE, 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.

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.

Product preparation

The mixing of PALLADIO MULTICALCE 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.

PALLADIO MULTICALCE should be mixed with water at a rate of approx. 29 liters per 100 kg. of powder (about 7,25 liters per 25 kg. bag).

Application

PALLADIO MULTICALCE may be applied by trowel or spatula. The thickness of application may vary from 1 to 30 mm. per layer. 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.

PALLADIO MULTICALCE is suitable for machine application, and can be sprayed with plastering machines commonly used on the market.

Supply and storage

PALLADIO MULTICALCE is supplied in bags on stretch pallets.

Store in a cool, dry and non ventilated place. Keep packaging intact.

Warnings

PALLADIO MULTICALCE 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.

Dop, CE documentation and product safety data sheet are available and downloadable from www.fornacigrigolin.it

MULTICALCE

TECHNICAL DATA	RESULTS
Classification according to UNI EN 998-1	GP-CSIII-W0
Density	1400 kg/m ³
Adhesion to concrete	0,3 MPa
Adhesion to brick	0,4 MPa
Fracture type	B
Water absorption	W0
Water in the mix	approx. 29% (approx. 7,25 l/sac)
Maximum diameter	1,2 mm
Application thickness	2-30 mm
Mechanical resistance to compression at 28 days	> 3,5 MPa
Mechanical resistance to flexion at 28 days	> 1,5 MPa
Permeability to water vapour μ	10
Theoretical consumption	approx. 1,5 kg/m ² per 1 mm thickness
Reaction to fire	class A1
Thermal conductivity	0,44 W/mK (tabulated value)

v. 05/2020

The reported data refers to Quality Control tests in standard environmental conditions. Practical applications in the construction sites may detect significantly changed data, depending on operating conditions, so the information on the Card is only indicative because the user must always check its suitability for intended use of the product by taking responsibility for the use. Fornaci Calce Grigolin S.p.A. reserves the right to make technical changes of any kind without prior notice.