



PALLADIO® RB 22

Adhesion bridge / absorption regulator / sealing coat based on natural hydraulic lime CALCE NATURA NHL 5, air lime MICROCALCE CL 90-S and selected calcium carbonate aggregates



Product description

PALLADIO RB 22 is a premixed product suitable as adherence bridge / absorption regulator / adherent rendering based on natural hydraulic lime CALCE NATURA NHL 5, air lime MICROCALCE CL90-S and selected calcium carbonate aggregates with a grain size curve up to 2.5 mm, with a low content of soluble salts.

PALLADIO RB 22 has the following features:

- high adhesion to the substrate (brick, concrete, stone or solid brick);
- abrasion resistance;
- durability over time;
- breathability;
- does not form a vapour barrier;
- does not contain synthetic resins or solvents.

Supply and storage

RB 22 is supplied in bags on pallets with stretch wrapping.
Store in a cool, dry and non-ventilated place. Keep packaging intact.

RB 22

Substrate preparation and application methods

For the installation of PALLADIO RB 22 we recommend the following methods:

- must be applied on wall surfaces free from dust and inconsistent parts. If the support is still inconsistent after an adequate washing with low pressure washer, it is recommended the application by brush or spray of the consolidating product PALLADIO CONSOLIDA. The subsequent application of PALLADIO RB 22 can be carried out in a “fresh on fresh” situation of the previous layer;
- must be applied on a suitably wet substrate before application;
- Once the product has been applied, it must have a suitably rough surface to ensure adequate adhesion of the product to be used later as a base-coat plaster.

Fields of application

PALLADIO RB 22 can be used as adhesion bridge/absorption regulator/adhesion undercoat on indoor/outdoor brick, solid brick, concrete, mixed stone surfaces.

Specifications

Bonding bridge/absorption regulator/grabbing render, such as PALLADIO RB 22 by Fornaci Calce Grigolin, based on natural hydraulic lime CALCE NATURA NHL 5, aerated lime MICRO-CALCE CL 90-S and selected calcium carbonate aggregates with a grain size curve of up to 2.5 mm, with a low soluble salt content having the following characteristics

- specific weight 1600 kg/m³;
- maximum diameter 2.5 mm;
- mixing water approx. 19%;
- mechanical resistance to bending at 28 days of 2.5 N/mm²;
- compressive strength at 28 days of 5 N/mm².

Warnings

Do not mix RB 22 with other substances. Avoid large temperature fluctuations during the setting phase. Protect the product from frost and rapid drying. Do not use RB 22 at temperatures below +5°C and above +30°C.

RB 22

TECHNICAL DATA according to standard UNI EN 998-1	PERFORMANCE
Specific weight	1600 kg/m ³ free fall deter.
Maximum diameter	2.5 mm
Operating time	2 h
Mixing water	19% approx.
Mechanical flexural strength at 28 days	2.5 N/mm ²
Comp. mechanical res. at 28 days (cat. CS III)	5 N/mm ²
Plastic collection	Ass. in standard thermo-hygric conditions
Theoretical consumption	7-8 kg/m ²
Water vapour permeability μ	9
Reaction to fire	class A1
Adhesion on brick	0.4 N/mm ²
Type of fracture	B
Water absorption	W1
Thermal conductivity λ	0.40 W/mK (tabulated value)

v. 05/2021

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'adempimento 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.