



BRIGLIADORI
FORNACE CALCE



EDILIZIA, RESTAURO & COSTRUZIONI

FINAL FINISHING RAINBOW

CE 12
EN 998-1

Product code 100

Colored mortar for internal and external (CR)

DESCRIPTION AND USES

The colored finish line "**FINAL FINISHING RAINBOW**" is a natural mineral and breathable coating, powder based suitable for finishing of internal and external plaster based on Natural Hydraulic Lime.

It is used mainly in the restoration of old buildings and, unlike modern synthetic product, gives a "cloudy" color effect typical of past techniques.

It is a premixed product ready for use.

The aggregates are mainly composed of carbonate sands with maximum thickness of 0.7 mm to obtain a finishing.

Some colours also contain siliceous sands, minced marble and brick, in the case of the thickest finishing "Dilavati", sands with thickness to 3 mm.

The colour is obtained with natural powder. Only in some very strong colors there is a small amount of oxides.

TECHNICAL PROPERTIES

Colour	: color chart or on request
Appearance	: premixed in powder
Aggregates size	: < 0,7 mm
Consumption	: 3-3,5 kg/m ² 2 layers
Density	: 1,30 kg/dm ³
pH	: > 12
Mixture weight	: 1,7 kg/dm ³
Compression resistance	: CS I
Mixing water	: 6,5-7 lt per 25 kg bag (standard production) For test: to verify
Adherence (N/mm ²)	: ≥ 0,4 FP:B
Water absorption per capillarity	: W2
Water vapour diffusion coefficient (μ)	: >5< 20
Fire reaction (class)	: A1
Thermal conductivity (W/m·K)	: λ = 0,76
Application temperature	: + 8°C to +30°C
Frost/defrost resistance	: evaluation based on the valid instructions on the mortar application place
Concrete mixer time	: 5-6 minutes
Drill mixing time	: 3-4 minutes
Packaging	: 25 kg bag

APPLICATION

Surfaces must be solid, sufficiently hardened, free of oils, grease, release agents, and everything that can prevent the adherence.

In case of very absorbent surfaces or high temperatures, wet to rejection the evening before.

In case of inhomogeneous surfaces use a water based primer.

The next day, wet the surface, wait the water flows and apply the first coat with a spatula unifying the surface. The day after wet again the surface, wait the water flows and apply the second coat. When ready work with a trowel.

Important: do not use an electric trowel.

Start and finish water to avoid anesthetics signs.

For large surfaces try to finish near joints, moulding, pluvial.

Mix the finishing for 5-6 minutes with a mixer with about 6,5-7 lt of cleaned water per 25 kg bag to obtain a fluid mixture without lumps.

Mix with a drill for 3-4 minutes.



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Mix with a correct balance water-material-mixing time. Wait 7-8 minutes before the application then mix again briefly and apply.

When the product is furnished on more pallets, make a right calculation of the necessary quantity and use different bags from different pallets. The remainder can be used as first coat for the other walls.

Correct application temperature +8°C-+30°C

HR max 75-80%

Temperature below +8°C and high relative humidity during application in the next 48 hours can create carbonation phenomena on the surface.

Protect or avoid application with strong wind, sun, rain in the first 48 hours, frosted surfaces, during frost or defrost time or frost risk in the next days.

We can't ensure the colour homogeneity among different production lots.

Different workers can create different colours and aesthetic effects.

CONDITIONS FOR A SAFE STORAGE

Store the product in a dry place and indoors. Avoid humidity. Waste treatment according to local law.

Storage: up to 12 months in its original and closed packaging in a dry place and indoors.

Product according to Annex II of REACH - Regulation 2015/830.

This datasheet has been formulated according laboratory tests made during production controls during standard conditions; the details can modify during the application and they are indicative.

The application mis made in the building site without our control and the Brigliadori Fornace Calce SRL company doesn't have any responsabilità for the application result. The company has the only responsibility of the product, while the application, the use and working are a customer responsibility.

For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet. Product for professional use. The product use must be based on researches and evaluation of the worker.

Date review January 2021