



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 **FINAL FINISHING RAINBOW** is a natural, breathable mineral powder coating suitable for finishing interior and exterior plasters based on Natural Hydraulic Lime.

It is mainly used in the restoration of ancient buildings and, unlike modern products synthetic in nature, allows for a cloudy colour effect typical of the techniques of the past.

It is a ready-to-use pre-mixed finish.

The aggregates consist mainly of carbonate sands with a maximum thickness of 0.6 mm in order to obtain a civilised finish.

Some colours also contain siliceous sands, ground marbles, cocciopesto and, in the case of washed sands, sands with grain sizes up to 3 mm. Pigmentation is achieved with natural clays. Only in some very strong colours is there a small amount of oxides.

TECHNICAL PROPERTIES

Colour	: color chart or on request
Appearance	: premixed in powder
Grain size range	: 0 – 0,6 mm
Theoretical yield	: 3 - 3,5 kg/m ² for 2 layers
Bulk density	: 1,30 kg/dm ³
Heap density	: 1,7 kg/dm ³
pH	: > 12
Compressive strength (class)	: CS I
Mixing water	: 6,5 - 7 lt for 25 kg bag (standard production) For test: to verify
Adhesion (N/mm ²)	: ≥ 0,4 FP:B
Capillary absorption (class)	: W1
Water vapour diffusion coefficient (μ)	: >5< 20
Fire reaction (class)	: A1
Thermal conductivity (λ)	: 0,76 W/m·K
Frost/defrost resistance	: evaluation based on the valid instructions on the mortar application place
Packaging	: 25 kg bag

APPLICATION

Base plasters must be strong, sufficiently hardened, free of oil, gypsum, grease, release agents or anything else that may affect adhesion. In the presence of very absorbent supports or high temperatures, wet down the previous evening. On non-homogeneous supports it is in any case recommended to apply a water-based primer.

The next day moisten the support, wait for the water film to disappear and apply the first coat with a trowel, evening out the substrate.

Important: Important: Do not use an electric trowel.

Start and finish walls to avoid marks.

For large surfaces, provide breaks near joints, stringcourses, downpipes.

Mix the finish using a mechanical stirrer with 6.5-7 l of clean water per 25 kg bag to obtain a smooth, lump-free mixture.

Mix while keeping the water-material-mixing time ratio steady.

Allow the mixture to rest for 7-8 minutes, remix shortly and apply.

When the coloured finish is supplied on several pallets, make a computation of the quantity required for the designated wall and take the bags in equal parts on several pallets. What remains can be used as a first layer on subsequent walls.

Optimal application temperatures +8°C-+30°C

R.U. max 75-80%.

Temperatures below +8°C and high relative humidity during application in the next 48 hours may give origin to superficial carbonation phenomena.

Protect or avoid application in heavy wind, beating sun, imminent rain in the first 48 hours, on frozen substrates, during defrost or at risk of frost in the following days. Colour homogeneity on different batches is not guaranteed. There may be slight differences between samples and production. The manual skills of different applicators may produce different colours and final aesthetic effects.

CONDITIONS FOR A SAFE STORAGE

Keep covered and dry. Protect against moisture. Dispose of according to local regulations. Storage: 12 months in unopened original packaging in a covered and dry place. Product complies with Annex II of REACH - Regulation 2015/830.

Refer to Safety Data Sheet (SDS) for information on possible hazards. Product for professional use. The use of the product must be based on the applicator's own research and evaluation. The values refer to laboratory tests performed under ideal environmental temperature and humidity conditions, and can vary significantly from application conditions in the building sites.

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