

Data Sheet **RC-15**

# LIME FINISH

**DESCRIPTION AND COMPOSITION:**

Finish traditional based on highly selected fine cocciopesto, hydrated microlime, NHL-5 white lime and marble aggregates. Grain: 0-1.2 mm. The product is designed to reproduce the compounds present on the facades of villas or palaces belonging to our historical-architectural tradition.

Colouring and aggregates can be customised on a sample basis or according to the requirements of the specifications for the restoration of the asset.



**USE:** The topcoat, very breathable, to be used as a coating or finish, with a rustic or smoothed effect depending on the process, on cocciopesto plaster, or even as a colored finishing coating for traditional or premixed plasters; in these cases, test the product on the application surfaces to better verify the final result.

**APPLICATION:** After preparing the base, mix the mixture only with clean water with a mixer or drill until a fluid, homogeneous and lump-free mixture is obtained. Wait 30 minutes to allow adequate hydration of the dough and stir; Place on a previously wet substrate.

- "Rustic" effect: roll out the dough with a stainless steel trowel to a maximum thickness of 1-2 mm. When the layer begins to dry, wet with the brush and trowel with the sponge until you get a grainy surface.
- "Orange peel" effect: roll out the dough with a stainless steel trowel with a thickness of about 2 mm. When the layer begins to harden, wet lightly with the brush and trowel with the wooden trowel until a scratched surface is obtained.
- "Smoothing" effect: also called marbled; Roll out the dough with a stainless steel trowel with a thickness of about 2 mm. As soon as the layer begins to harden, moisten slightly and vigorously pass the surface with the trowel until it is smooth.

**TECHNICAL DATA:**

|   |  |
|---|--|
| Basic binder                                      | Calce NHL 3,5                                |
| Mixing water                                      | 24% by weight of powder                      |
| Capillary absorption coefficient (UNI EN 1015/18) | Cat. W1                                      |
| Density of hardened mortar                        | 1.30 kg/cm <sup>3</sup>                      |
| Conformity  | UNI EN 998-1                                 |
| Direct traction adhesion (UNI EN 1015-12)         | > 1 N/mm <sup>2</sup>                        |
| Thermal conductivity                              | $\lambda = 0.50 \text{ W/m}^{\circ}\text{k}$ |
| Available colors                                  | See folder or sample                         |

|   |                                      |
|---|--------------------------------------|
| Resa / Consumption                              | 1.4 kg/m <sup>2</sup> x mm thickness |
| Maximum thickness per layer                     | 1.5 mm                               |
| Granulometria (UNI EN 1015-1)                   | 0 to 1.2 mm.                         |
| Resistance to vapour diffusion (UNI EN 1015-19) | $\mu \leq 13$                        |
| Reaction to fire                                | A1                                   |
| Compressive strength at 90 days                 | > 1 N/mm <sup>2</sup>                |
| Shear adhesion (UNI EN 1052/3)                  | > 0.2 N/mm <sup>2</sup>              |
| Vapor resistance                                | $\mu < 12$                           |

**ENVIRONMENTAL COMPATIBILITY**

|                       |           |                        |  |
|-----------------------|-----------|------------------------|--|
| Nature of the product | Inorganic | Type of aggregate used | natural, inorganic                                   |
| Recyclate content     | ca. 10 %  | End-of-use disposal    | in landfills as inert material (non-hazardous waste) |

**WARNINGS:**

- the product must not be applied at temperatures below +5°C and above +30°C
- Do not mix with the addition of cement, additives, or other substances in general.
- Do not apply to walls affected by dust, efflorescence, grease and other substances in general.
- Fresh application should be protected from frost and rapid drying. Since the hardening is based on the hydraulic setting of the lime, a temperature of +5°C is recommended as the minimum value for the application; Below this value the setting would be excessively delayed and below 0°C the fresh or even incompletely hardened mixture would be exposed to the disintegrating action of frost.
- If possible, it is advisable to wet the surface of the structure, to avoid rapid drying of the application and consequent possible reduction of mechanical resistance or detachment.
- It is necessary to adequately ventilate the rooms after application until completely dry, avoiding strong temperature changes in the heating of the rooms.
- RC-15 must be used in its original state without the addition of foreign materials.
- Store the product in a dry place away from rain and humidity.
- The manufacturer, while guaranteeing the quality of its products, declines any responsibility for the application of products outside its control; Our consultants are at your disposal to evaluate the methodology to be followed to limit inconveniences.

**SUPPLY AND ASSISTANCE:** The finish is supplied in 25 kg packages on pallets with shrink cover. Technical staff is available to provide assistance.

**NOTES:**

The product is intended for professional use and the application implies verification of suitability for the intended use and assumption of liability arising from use. The data in this data sheet are obtained from laboratory measurements and on-site tests. The manufacturer reserves the right to make the most appropriate changes to the technical data at any time and without prior notice. Technical staff is available to provide assistance and provide any useful advice for use and application.

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