



Colored mortars and plasters

## INTOCOLOR F

**INTOCOLOR F** is a Biocompatible Finish Eco Plaster, Pigmented with natural soil, pre-packaged powder for interior and exterior according to UNI EN 998-1. **INTOCOLOR F** is totally free of cement and compounds belonging to the clinker group and is made up of a mixture of pure limestone sands, screened with continuous grain size arc from 0 to 1.2 mm. The only present binder is the SAINT-ASTIER Natural Pure Hydraulic Lime **NHL 5** according to standard UNI EN 459-1. The lime **NHL 5**, white, is produced by baking siliceous limestones at temperatures below 1250°C and reduced in powder by calcium oxide only, without the addition of pozzolanic materials or hydraulic binders of any kind.



## FEATURES

**INTOCOLOR F** is a Pigmented Finish, Dehumidifying, and pre-packaged powder, biocompatible, free of salts, chemical products and volatile organic compound (VOCs) plaster. These features, combined with the total mineral nature of the components, guarantee the purity, non-toxicity, non-harmfulness and the total recyclability of the product in full respect for man and the environment. Selected aggregates and pure hydraulic lime **NHL 5**, which constitute **INTOCOLOR F**, have a natural porous structure. This structure gives the material a strong capability of dehumidification and breathability, facilitating the necessary exchange of vapour between the inner and outer surface. The features of **INTOCOLOR F** allow, with the laying of a single product, to fulfil the classic protective functions of plaster as well as aesthetic finishes. **INTOCOLOR F** is available in the shade to the sample.

## FIELDS OF APPLICATION

**INTOCOLOR F** is specific for the formation of coloured plasters of dehumidifying Finishes on rustic plasters, for low thicknesses up to 1 cm, for the repointing of the mortar joints and as mortar. It is easily workable with the traditionally used techniques in the plaster application with lime Finish. **INTOCOLOR** can be applied directly on vertical and horizontal surfaces made up of rustic plasters on solid, perforated and bearing, lightweight bricks, mixed brick, stone and tuff. For all those compact or poorly absorbent surfaces (solid blocks or concrete cables and expanded clay pebbles, concrete block cells, lime or cement based substrates, reinforced concrete structures, magnesium wood).

## APPLICATION

The laying of **INTOCOLOR F** must be preceded by the preparation of the substrate: if the surface is compact or poorly absorbent, the application must be preceded by **SPRIZZO** Ponte di Adesione; for masonry with rising damp it is recommended to use **SPRIZZO ANTISALE**.

If the substrate is dry, it should be suitably wet except for the surfaces already treated with repair and restoration mortar **SPRIZZO ANTISALE**.

**INTOCOLOR F** can be applied manually with float and trowel or bucket plastering machine, or mechanically using a traditional peristaltic pump or screw plastering machine (stator/rotor D6-3 PFT). In case of application with a plaster machine the pipe length must not exceed 20 m and the prevalence must not exceed 6 m. **INTOCOLOR F** is pre-packaged and mixed only with about 5-7 l water per bag depending on the desired consistency.

Application thickness should not exceed 0.5 cm per coat. When applying multiple layers, wait until the previous one has lost a good deal of the mixture water and the surface is not compact. To make planar surfaces, proceed to finish the same by floating with plastic/wooden float or scraping with a metal spatula.

The Finishing plasters obtained with **INTOCOLOR F** must be separated from the walkway surfaces (sidewalks, roads, terraces), from areas where water stagnation and contact with the soil may occur (meadows, flower beds, subbases made of sand or gravel for self-blocking screeds of cement or natural stone) in order to prevent the emergence of the capillary ascension phenomenon in the plaster body which would cause the formation of superficial stains and the consequent early degradation of the surface.

## FINISHES

For surfaces subject to strong exposure, it is recommended to use the **TCS Protection Line** Products such as **T110** or **T110 PLUS**.

## TECHNICAL DATA

PRODUCT TYPE	<b>Mortar for General Purposes (GP) for internal and external use complying with the standard UNI EN 998-1</b>
AVAILABLE COLOURS	<b>to the sample</b>
GRAIN SIZE CURVE (EN 1015-1)	<b>0 - 1.2 mm</b>
pH OF THE MIXTURE	<b>&gt; 12.5</b>
FRESH MORTAR APPARENT DENSITY (EN 1015-6)	<b>1810 kg/m<sup>3</sup></b>
DRIED MORTAR APPARENT DENSITY (EN 1015-10)	<b>1620 kg/m<sup>3</sup></b>
COMPRESSIVE STRENGTH (EN 1015-11)	<b>category CS I</b>
ADHESION (EN 1015-12)	<b>&gt; 0.1 N/mm<sup>2</sup> FB-P</b>
WATER VAPOUR PERMEABILITY COEFFICIENT (EN 1015-19)	<b><math>\mu &lt; 12</math></b>
WATER ABSORPTION THROUGH CAPILLARITY (EN 1015-18)	<b>W0</b>
FLAME RESISTANCE (EN 13501-1)	<b>class A1</b>
MIXING WATER	<b>5-7 l per bag</b>
CONSUMPTION	<b>14 kg/m<sup>2</sup> about</b>
THICKNESS PER COAT	<b>0.5 cm</b>
PACKAGING	<b>25 kg bag</b>
PALLET	<b>48 bags, 1200 kg</b>
TONALITY NOTE:	
STORAGE	<b>Keep in dry place for 18-24 months in original package</b>
APPLICATION TEMPERATURE	<b>from +5°C to +32° C</b>
REACH CLASSIFICATION	<b>See SDS</b>

## WARNINGS

- Product for professional use.
- Do not modify the product.
- Store the product in a dry place in the original sealed packages.
- Before using the product refer to the Safety Data Sheet.
- The data given correspond to the technical and application knowledge we have for proper use of the product, so it is recommended to carry out a practical test prior to in order to verify the suitability of the product for its intended use and consumption.
- Protect the surfaces from atmospheric phenomena, sun, wind, rain and frost.
- Since our company is not the executor of the works and can not intervene directly on the construction site conditions and on the methods of work execution, the indications given are to be considered as indicative and general, and therefore not binding for the same.
- The Company reserves the right to make the changes at any time without notice when it deems necessary.
- For more information and practical product demonstrations please consult our technical service.
- Always refer to the updated versions of the technical data sheets available at [www.tcs-srl.it](http://www.tcs-srl.it).