

Intonantico

Vapour permeable mineral lime plaster
for interior and exterior.



Mod. 51 Rev 64
Date of update 11/12/2019

CHARACTERISTICS:

INTONANTICO is a mineral plaster composed of long-cured lime putty, mineral binder, selected marble and silica powder, additives of vegetable origin, less than 5% organic binders (dry residue - compliant to **DIN standard 18363,2.4.6**) - in order to give consistency and workability to the mix without compromising the characteristics of naturalness and vapour permeability. It is also composed of additives which foster ease of application and adhesion to the surface, and of mineral oxide and natural earth pigments. **INTONANTICO** is ready to use, permeable to water vapour, and therefore it is not prone to flaking and shrinking, it is resistant to alkali and abrasion, non-flammable, and not dusty. The high basicity of the product contrast the proliferation of moulds and bacteria, if exterior factors do not alter its pH. It confers the walls on which it is applied the warm tones and shades of an antique plaster. Due to its particular mineral composition the product may be subject, in the case of exterior application, to stains and discolouration due to the uneven absorption of the product during the application phase, and over time due to exposure to various environmental factors; in addition exposure to persistent and driving rain in the first few days following application, especially if the rain is acid, may cause the formation of a superficial whitish patina caused by a chemical reaction of the not yet carbonated calcium hydroxide, a phenomenon which tends to disappear overtime with subsequent rain showers. Such imperfections should not be considered defects but rather a characteristic of the product's naturalness.

USES:

INTONANTICO is perfect for the decoration and protection of buildings such as churches, palaces or villas or any type of construction where a high aesthetic value together with an excellent plaster transpiration is desired. **INTONANTICO** is applied to lime and cement mix plaster, to civil plaster, on a skim-coat of **INTOCALCE**.

In order to apply **INTONANTICO** on pre-mixed plasters, dehumidifying plaster, plasters mainly cement-based, or surfaces with residues of previous organic paints, we highly recommend an intermediate coat of **INTOCALCE** to foster the chemical bond and durability.

PREPARATION AND APPLICATION:

Before beginning, arrange the scaffolds in such a way as to allow continuous application until architectural interruptions. Apply directly on plaster without any paint or coating. On deteriorated or chalky substrate, apply 1 coat of **PRIMER A** diluted 1:4 – 1:5 with water in order to consolidate the substrate and increase the adhesion power. On non-homogeneous surfaces with different absorbency rates it is advisable to smooth the surface beforehand with **INTOCALCE**.

Apply **INTONANTICO** Fine (0.8 mm) or Grosso (1.2 mm) depending on the roughness of the surface or the desired appearance. Mix the product and apply two coats with a stainless steel trowel, waiting for the substrate to dry completely between one coat and the other. After applying 2nd coat, smooth the still wet surface with a plastering sponge float. If the substrate is particularly dry or in case of high temperature, we recommend to moisten the surface by homogeneously spraying water on it. Due to its highly alkaline nature, **INTONANTICO** is irritating, avoid contact with skin and eyes. Wash all tools with water immediately after use. In case of application on exterior walls, we recommend a final protection with **PROTEXIL® IMPERMEABILIZZANTE** or **PROTEXIL® ANTIMACCHIA**, water based silanes/siloxanes impregnating product, applied until full saturation of the surface, in order to improve water-repellency, protection from acid rains and dirt pick-up over time. This operation is highly recommended in case of application of a lime based finish on particularly water-repellent substrates such as dehumidifying plaster, to avoid the premature wear of the final layer.

Intonantico

Vapour permeable mineral lime plaster
for interior and exterior.



Mod. 51 Rev 64
Date of update 11/12/2019

IMPORTANT NOTES:

- Before beginning application, make sure that the substrate is perfectly dry and cured and is perfectly anchored. Surface must be free from dirt, oil, mould, fungus, bacteria, efflorescence or anything else that could compromise adhesion or the successful outcome of the job.
- Protect the containers from freezing (minimum + 5°C)
- Store in a cool, dry place. Do not expose to direct sunlight.
- The temperature of both the work environment and the background should be between + 8°C and + 35°. Relative humidity must not exceed 75%.
- Prevent drying of the product at temperatures of either the work environment or the background below + 5°C
- Do not use the product when there is the likelihood of rain, in direct sunlight, strong winds, or persistent fog.
- Protect the treated surfaces from driving rain for as long as necessary for the complete seasoning of the product.
- Arrange the scaffolds in such a way as to allow continuous application until architectural interruptions to avoid the formation of joints, overflows and colour differences.
- Obtain enough of the colour in a single batch to complete the job or at least to complete portions of work which do not draw attention to shade differences.
- Wash all tools with water immediately after use.
- Due to its highly alkaline nature, the product is a skin and eye irritant, contact should therefore be avoided.

TECHNICAL DATA:

Drying time at 20°C	Touch-dry 2 - 3 hours, In depth 24-36 hours
Consumption rate	Intonantico Fine 0.8 mm: 0.7 – 0.8 kg/m ² per coat Intonantico Grosso 1.2 mm: 1.2 – 1.5 kg/m ² per coat
Permeability to steam (DIN 52615)	Sd = 0.298m (for a thickness of 3.4 mm) μ = 87.6
Final aspect	Rustic matt
Packages	20 kg
Colours	White, "Intonachini minerali", "I Colori del Colore".

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

Classification: A/ a) "matt coatings for interior walls and ceilings";

Limit Phase II (from 01/01/ 2010): 30g/l

VOC: 15 g/l (max).

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

Please refer to the relevant Safety Data Sheet.