

Art.0852

# Bizantino Argento 2.0

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# Bizantino Oro 2.0

Art.0859

# Bizantino Bronzo 2.0



Mod. 51 Rev 64

Date of update 11/12/2019

Polished plaster with special metallic reflections.

**BIZANTINO** rediscovers the traditions of the ancient Mediterranean civilizations, and combines a unique material with a rich heritage of technical characteristics and craftsman creativity with the fascination of metallic dust with silver and gold reflections. The outcome is a finish that recalls the Byzantines artwork and brings back a tradition that is many centuries old. **BIZANTINO** is ideal both for the renovation and preservation of historical buildings and also as a striking decorative solution in modern interiors and exteriors.

## CHARACTERISTICS:

**BIZANTINO** is a mineral plaster, permeable to water vapour, composed of lime putty of the best quality, fired in wood-burning kilns and seasoned for a long period (essential to ensure stability and duration to the product), metallic particles with silver and gold reflections, selected marble dust of graded grain sizes, additives of vegetable origin, less than 5% of additives of organic origin (dry residue **compliant with DIN 18363, 2.4.6 standard**), inorganic earths and oxides. The use of lime as a binder gives maximum permeability to water vapour, promoting the natural diffusion of environmental damp through the rendering and brickwork. The high basic nature of the mineral component counteracts the growth and spread of mould and bacteria, if external factors do not modify the pH. The process of carbonatization helps to create a strong structure that is unalterable over time. With the special characteristics of the materials used, **BIZANTINO** is highly resistant to light, is non-flammable and non-toxic, and does not pollute. Given its special mineral composition, the product may be subject to uneven marks and colour changes due to different absorption of the surface during application, and over time to exposure to various environmental conditions. These imperfections of finish are not to be considered as product defects, but are characteristics instead of its naturalness.

**BIZANTINO ARGENTO** (Silver) has silver reflections, **BIZANTINO ORO** (Gold) has golden reflections, **BIZANTINO BRONZO** (Bronze) has bronze reflections

## USE:

**BIZANTINO** is particularly suitable for the restoration of old historical buildings such as mansions, villas and churches, both internally and externally, for the creation of highly attractive finishes in both modern and classical settings, such as halls, stairways, bathrooms and lounges, and to give added elegance to exclusive hotels, restaurants, shops, etc. Also the ideal solution for finishes on interior plasterwork repairs and dehumidifying treatments.

## PREPARATION AND APPLICATION:

Neutralize any stain or efflorescence with suitable products.

In case of uneven surfaces with differences in absorption, plasterwork repairs, stains, etc, it is advisable to apply one coat of **INTOCALCE** by steel trowel, to level the surface and create a suitable surface with uniform absorption. On cement or lime plaster, old mineral paints if solid, sound and not chalky, apply directly. On gypsum, old flaky paints, skimcoats, putty, apply 1 coat of **PRIMER A** diluted 1:4 with water until surface saturation, then apply 1 coat of **SMARTCOAT 0.4 mm**.

It is highly recommended to moisten the surface by spraying water homogeneously over it before the application of lime-based products to increase their bonding power to the substrate. Apply **BIZANTINO** by steel trowel in 1-2 coats to fill and smooth the surface. Apply another coat of **BIZANTINO** in a thin layer. Use the blade almost flat and press firmly on the trowel, as to fully compress the surface when the product starts to dry, thus obtaining a perfectly mirror-smooth surface. After the final coat has dried, wipe with a rag or woollen cloth to polish and expose the sparkle effect.

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## IMPORTANT NOTES:

- Before application, ensure that the substrate is perfectly dry and cured, and that it has good. The surface must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence or any other defect that could impair adherence or successful results.
- Protect containers from freezing (minimum + 5° C).
- Store in a cool, dry place; do not expose to direct sunlight.
- Use product at a temperature of the work environment and treated surface between 8°C and 35°C. Relative humidity must not exceed 75%.
- Do not allow drying to take place with temperature of the work environment and treated surface below 5°C.
- Protect treated surfaces from rain for the time required to allow product to fully harden.
- Scaffolding should be erected in a way that allows work to be continued uninterrupted until a natural boundary of the building is reached, to avoid seams, overlaps and differences in shade.
- Ensure that a sufficient quantity of the same batch of paint is available to complete the entire job, or at least to complete whole sections that will not reveal differences in shade.
- Wash all equipment with water immediately after use
- The product is highly alkaline and is irritant for the eyes and sin. Avoid contact with the product.
- For all other instructions consult the relative SDS.

## TECHNICAL DATA:

<b>Drying time at 20°C</b>	Touch dry in 2 - 3 hours, in depth 24 - 36 hours.
<b>Consumption rate</b>	0.4 – 0.5 kg / m <sup>2</sup> for each coat applied.
<b>Volume solids at 105°C</b>	71%-73%
<b>Max. grain size</b>	0.5 mm
<b>Storage</b>	Up to 12 months in original package in cool, dry place.
<b>Appearance of dry finish</b>	Smooth and translucent with sparkles.
<b>Specific weight</b>	1.550 ± 20 g/l
<b>Dilution</b>	With water
<b>Packages</b>	20 kg – 5 kg
<b>Colours</b>	White, collection <b>Calce Antica, Rasato e Travertino</b> (*these colours are guaranteed only for interior use, for exterior application please contact our color lab before placing the order).
<b>Metal flakes colour</b>	Argento – silver Oro – gold Bronzo - bronze

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

Classification: i) decorative effect coatings

Limit Phase II (from 01/01/ 2010): 200 g/l

VOC: 20 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.