

Coccio Antico

Lime-based powder mineral polished plaster for exterior and interior.



Mod. 51 Rev 64

Date of update 11/12/2019

CHARACTERISTICS:

COCCIO ANTICO is inspired by the ancient technique of "sagramatura" where various layers of plaster were applied on top of a brick surface to protect and colour it. This technique made it possible to protect, decorate and guarantee vapour permeability of the wall, creating a natural bond with the substrate and a long lasting finish. **COCCIO ANTICO** reinterprets this old technique to meet modern building standards. **COCCIO ANTICO** is composed of pure hydrated lime reinforced by high-reactivity metakaolin, selected carbonate aggregates, mineral pigments. Thanks to its natural mineral composition, it creates a strong bond with mineral substrates, it is not flammable, not dusty and guarantees high vapour permeability to the system. The final effect is the warm, veiled look of natural plasters. Because of its special mineral composition, the product could be subject to marks and non-uniform discolouring when being applied in exterior for the following reasons: uneven absorption rate of the substrate or exposure to aggressive weather agents overtime. Exposure to driving and persistent rain during the first few day after application, especially if the rain is acid, could cause the formation of a whitish film due to the chemical reaction of the not yet carbonated calcium hydroxide, a phenomenon that in time tends to disappear following subsequent washing with rain. Such imperfections are not to be considered product faults, but intrinsic features of an organic product. **COCCIO ANTICO** is available in the following varieties: **COCCIO ANTICO EFFETTO TRAVERTINO BIANCO**, **COCCIO ANTICO EFFETTO TRAVERTINO GIALLO**, **COCCIO ANTICO DARK**, **COCCIO ANTICO SUPREME LIGHT**. **COCCIO ANTICO EFFETTO TRAVERTINO BIANCO** can also be coloured before use with toners made with the **COLORPLUS®** tinting system. Toners are available in all the colours of the *Rasato e Travertino* colour card.

USE:

COCCIO ANTICO is ideal for the decoration and protection of historical building such as churches, palaces and villas or for all those buildings requiring a highly prized finish along with excellent vapour permeability. It combines two products in a single one as it can serve as a skimcoat and a finishing material. **COCCIO ANTICO** can be applied directly on rough plasters and cement plaster.

PREPARATION AND APPLICATION:

Erect the scaffolding in order to allow for continuous application until architectural interruptions.

Exterior – Preparation: On lime-based plasters in good condition apply directly **COCCIO ANTICO**. In case of old deteriorated plaster, it has to be removed and new lime plaster should be applied. If the substrate is solid and not flaky, apply a first coat of **ACCADEMIA SILIK PRIMER** diluted in a 2:1 ratio in water until the surface is saturated. If the substrate is organic paint or synthetic renders, it needs to be completely removed until restoration of the original plaster. In order to make the old plaster smooth and even apply **INTOCALCE** as a skimcoat in order to guarantee good adhesion. If the surface is dusty or particularly dry, lightly spray the surface with water before application.

Interior – Preparation: On plaster or old mineral paint as long as they are not dusty, are in good condition and sufficiently rough, apply directly **COCCIO ANTICO**. On gypsum, plasterboard, old synthetic or chalking paints, smoothing compounds etc., apply 1 coat of **PROTEXIL® ACQUA PRIMER** until the surface is saturated and then apply 1 coat of **ACCADEMIA STRUTUR**. Neutralize in advance with appropriate products the presence of stains of various types or any efflorescence.

In the case of irregular surfaces, whether interior or exterior, with uneven absorption rates, restored plaster, stains, etc., the application of a layer of **INTOCALCE** with a steel trowel is recommended in order to even out the surface and create the ideal base for even absorption.

Before application, it is highly advisable to spray the surface with water. Add water to **COCCIO ANTICO** in the ratio indicated in the technical data table below. Mix the mixture with drill at medium speed for no more than 3 minutes. Leave the mixture to rest 5-6 minutes, remix briefly then apply. Apply by stainless steel trowel in two coats. Do not wait for than 24 hours between one coat and the next. After having applied the second coat, design the surface when it is still wet with a small spatula, a dragging tool, a plaster knife, in order to achieve the desired finish, then polish the surface with stainless steel trowel, pressing on the edge of the blade to increase the polished effect. The mixed product is easy to work for about 1-2 hours. Do not apply at ambient or substrate temperature below +5°C or above +35°C. Protect the applied layer from driving rain for a few days. Do not apply under direct sunlight or with strong wind. In interior it is possible to further decorate the surface with **RIFLESSI DI LUNA**, **ANTICA PATINATURA** or **TENDENZE**. **TENDENZE** can also be applied in exterior. After use, wash the tools with water. In case of application on exterior exposed surfaces, we recommend a final protection with

Coccio Antico

Lime-based powder mineral polished plaster for exterior and interior.



Mod. 51 Rev 64

Date of update 11/12/2019

PROTEXIL® IMPERMEABILIZZANTE or **PROTEXIL® ANTIMACCHIA**, to be applied in 2 coats fresh on fresh until full saturation of the surface, in order to considerably improve water-repellence and protection against acid rains and dirt over time.

IMPORTANT NOTES:

- Before application, make sure the substrate is perfectly dry and cured and well anchored. Surface must be free from dirt, grease, moulds, fungi, bacteria, effloresce or anything else that could prevent proper adhesion and a successful job.
- Store in a dry place and use the product at ambient and substrate temperature between + 5°C and + 35°C, with relative humidity no higher than 75%
- Avoid drying with ambient and substrate temperature below + 5°C.
- Do not apply product if rain is likely or in the presence of strong sunlight, strong wind or persistent fog.
- Protect the surface against driving rain until the product is fully cured.
- Arrange the scaffolding in order to allow continuous application as far as architectural interruption is met in order to prevent visible joints, overlapping and colour differences.
- Purchase the material in a single batch of colour in quantity enough to finish the job or at least complete areas where colour difference between batches will not be visible.
- After use, immediately wash all tools with water.
- Due to its high alkaline content, the product irritates the skin and eyes. Consequently, avoid contact.
- In any case of doubt contact our Technical Service.

TECHNICAL DATA:

Consumption rate	EFFETTO TRAVERTINO: 0.5- 0.9 kg/m ² per coat DARK: 0.8-1.2 kg/m ² per coat SUPREME LIGHT: 1.2 – 1.5 kg/m ² per coat
Powder-water ratio	EFFETTO TRAVERTINO: 20 kg powder – 6 l water DARK and SUPREME LIGHT: 18 kg powder – 7 l water
Drying at 20°C	Touch dry 2 - 3 hours, In depth about 24 hours
Max. grain sizes	EFFETTO TRAVERTINO: 0.6 mm DARK and SUPREME LIGHT: 0.8mm
Surface spread of flame (ASTM E84-15a)	Flame Spread Index (FSI) = 0 Smoke Developed (Sd) = 15 Class 1 / A
Impact resistance test (ASTM D2794-93)	7.7 lb-in
Film hardness by pencil test (ASTM D3363 – 12)	9H
Shore d hardness (ASTM 2240-05)	63
Spread of flame classification (BS 476: PART 7)	Class 1
Recommended application thickness	2-3 mm
Dilution	Water
Open time	1 – 2 hours
Permeability to water vapour (DIN 52615)	Sd = 0.036 m for 3mm thickness
Permeability to liquid water (UNI EN 1062-3:2008)	Class W ₂ (medium permeability)
Adhesion	0.5 N/mm ²
Colours	White, "Rasato e Travertino".
Packages	EFFETTO TRAVERTINO: 20 kg bag DARK and SUPREME LIGHT: 18 kg drum

Coccio Antico

Lime-based powder mineral polished plaster for exterior and interior.



Mod. 51 Rev 64

Date of update 11/12/2019

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

Classification: NOT INCLUDED IN 2004/42/CE

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.