

Rasato Fine



Lime-based polished plaster for smooth semi-gloss finishes,
conforming to DIN 18363 2.4.6 standard.

Mod. 51 Rev 64

Date of update 29/10/2021

CHARACTERISTICS:

RASATO FINE is a mineral plaster, permeable to water vapour, based on 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), selected marble dust of graded grain sizes, additives of vegetable origin, less than 3% 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, **RASATO FINE** is highly resistant to light, is non-flammable and non-toxic, and does not pollute. Given its special mineral composition, in exterior applications 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. Exposure to persistent driving rain in the first few days after application, particularly to acid rain, can cause the formation of a whitish surface deposit due to the chemical reaction of the calcium hydroxide that has not yet been carbonatized. This deposit tends to disappear over time as the surface is washed by further exposure to rain. These imperfections of finish are not to be considered as product defects, but are characteristics instead of its naturalness.

USE:

RASATO FINE is particularly suitable for the restoration of old historical buildings such as mansions, villas and churches, both in interior and exterior, for the creation of highly attractive finishes in both modern and classical settings, such as halls, stairways, bathrooms and lounges, and to give an exclusive look to hotels, restaurants, shops, etc. It is also frequently used to create a concrete effect in modern settings. Thanks to its high vapour permeability it is also an ideal in interiors with high humidity and as a finish coat for anti-humidity treatment. **RASATO FINE** can be used as a base coat for **MARMO DI VENEZIA**[®] or polished to obtain a semi-matt translucent **MARMORNO** effect.

PREPARATION AND APPLICATION:

Interior - preparation: neutralize in advance with suitable products the presence of stains or efflorescence. In case of substrates, both in interior or exterior, with uneven absorption rates, restored plaster, stains, etc., it is recommended to apply a first coat of **INTOCALCE** with a steel trowel in order to even out the surface and balance the absorption rate. On cement plaster or old mineral paint, if non-dusty, compact and sufficiently coarse it is possible to apply **RASATO FINE** directly. On gypsum, plasterboard, old dusty paint, stucco apply a first coat of **PRIMER A** diluted 1:4 with water until full saturation of the surface. Then apply a subsequent coat of **SMARTCOAT 0.1** or **0.4 mm**.

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Exterior - preparation: application on top of lime plaster is recommended. In case of deteriorated plaster, the plaster must be removed and restored with new lime plaster (**ARCADIA INTONACO**). On plaster or old mineral paint, which are well anchored to the substrate but particularly friable, we recommend the complete saturation of the surface with one coat of **ACCADEMIA SILIK PRIMER** diluted with water in a 2:1 ratio. In the presence of organic paints or synthetic coatings these must be completely removed and the original plaster restored and smoothed with **INTOCALCE** in order to allow an appropriate and homogenous bond surface. Always lightly spray the surface with water before applying lime-based products to improve bonding with the substrate.

Apply **RASATO FINE** by stainless steel trowel. Apply a 1st coat to fill surface defects and reduce surface roughness and a 2nd coat to make the surface completely smooth. Once dry, apply a 3rd coat according to the effect desired.

Application of **MARMO DI VENEZIA®**: once dry, the surface is ready for the application of **MARMO DI VENEZIA®** (see product TDS).

SEMI-GLOSS POLISHED EFFECT: apply another coat of **RASATO FINE** by stainless steel trowel, let it dry a bit and then start polishing it with the side of the blade by pressing on the trowel until a smooth and semi-gloss surface is achieved. A third coat applied in the same way will further increase the glossy effect.

CONCRETE EFFECT: apply another coat in a uniform way on the full surface by stainless steel trowel. Let it dry a few minutes, if necessary, and design the concrete blocks with an art knife. When the material starts to set, smooth the inside of the blocks with the trowel or polish it if you wish to achieve a semi-gloss effect. Once the material is completely dry you can polish up the block joints with sandpaper to make them for refined.

In exterior, after 2-3 days from final coat, we recommend to apply **PROTEXIL® IMPERMEABILIZZANTE** silane/siloxane solvent-based water-repellent sealer, to the point of saturation, in order to protect the surface from acid rains, wear and dirt. As an eco-friendly alternative, apply 1 or 2 coats (wet on wet) of **PROTEXIL® ANTIMACCHIA** water-based oil and water protection based on C4 fluoropolymer resins, extremely vapour-permeable, ready to use. This procedure is also recommended in interior in case of application of the lime finish in wet areas or areas particularly exposed to dirt and dust. Make sure to avoid contact of the plaster with driving rain during the whole system application and for the 3 days following application of the protective coat.

IMPORTANT NOTES:

- Before application, make sure that the substrate is perfectly dry and cured, and well-adherent. 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.

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- 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.
- Do not apply product if rain is likely or in the presence of strong sunlight, strong wind or persistent fog.
- 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.
- Given the many different factors that may affect the outcome, in case of doubts contact our Technical Service.

TECHNICAL DATA:

Drying time at 20°C	touch dry 2-3 hours, hard dry about 36 hours
Consumption	0.4 – 0.5 kg/m ² per coat
Solid content at 105°C	73% ± 1%
Max grain size	0.5 mm
pH	12 (approx.)
Storage time	24 months
Appearance of dry film	smooth semi-gloss
Solvent (for fresh product)	water
Packages	20 kg – 5 kg
Permeability to steam (DIN 52615)	Sd = 0.298m (for a thickness of 3.4 mm) μ = 87.6
Colours	White, Marmo e Stucco di Venezia, Rasato e Travertino, I Colori del Colore (*all colours are guaranteed for interior use only, for exterior, it is necessary to specify it at order submission)

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): 30 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.