

## MARMORINO FLOOR MONOLITH

Mineral decorative system slaked lime-based for floors and walls



### Main Characteristics

#### Description:

The material has a white base color, but for the request it can be tinted in any color, according to the RAL and NCS systems.

You can tint according to the catalog of color chart for mineral coatings of PRATTA COLOR SYSTEM - NCP. There are three types of material: MARMORINO FLOOR MONOLITH Fine / Medium / Coarse.

Difference between types is diameter of the fraction of micro marble. Coarse type of material with a large diameter is applied in the first and second coatings, and a Medium type with an average grain size is applied in the third and fourth coatings which can be the finish. To achieve a smoother surface, type Fine (finest grain) is applied as a finish layer.

The best surface for applying this material is a sand-cement mortar (screed), but with appropriate preparation, the material can be applied to any untreated surface, such as concrete or existing ceramic or marble tiled floors. It is not recommended to use this material in places with high physical activity, for example: factories, parking areas, etc. The material so delicate as natural marble tiles, therefore is perfect for private or commercial areas.

#### Properties:

Seamless composite floor and wall system, for interiors and exteriors.

This system is based on mineral inert fillers with natural slaked lime (36 months slaked), special binding and stabilizing high-quality components.

The coating has high strength and long-life properties. Thanks to special protective topcoats, the system has perfect water resistant properties and not absorb of organic.



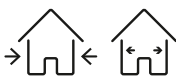
INFLAMMABLE

*The material is inflammable and has the KM-0 certificate, so it can be used in the decoration of public areas and fire evacuation sites.*



*The material is certified for the medical institutions*

#### Purpose



For the creating of durable and smooth decorative flooring in residential and public areas.

The coating can be applied to prepared surfaces according to preparation systems of floors for tiles, parquet or laminate, and to old, previously tiled. It is suitable for underfloor heating (any type).

Total system thickness from 3 to 10 mm.

Thickness of the system depends on the design you choose. Because the system provides for several materials and a technological sequence of use, recommend to meet with the instructions for applying this coating before use.



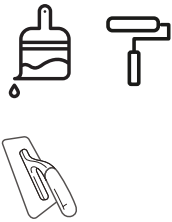
## System of materials

1. PRIMER NORMAL - Acrylic concentrated fixative for impregnation of base. Before use, recommend to learn the technical data sheet of the product.
2. MARMORINO FLOOR MONOLITH Coarse/Medium/Fine - Ready-to-use plaster in a plastic bucket.
3. AQUA – fixative impregnation for binding decorative surface with topcoat VETRIFICANTE POLIURETHANICO. Before use, recommend to learn the technical data sheet of the product.
4. VETRIFICANTE POLIURETHANICO glossy/semi-glossy (component A) – Mono- or Bi-component polyurethane protective varnish. There are two types: glossy and semi-glossy. Before use, recommend to learn the technical data sheet of the product.
5. VETRIFICANTE POLIURETHANICO (component B) – hardener additive for VETRIFICANTE POLIURETHANICO (component A)

For old surfaces or for surfaces where there are risk appearance of cracks, it is recommended to introduce into the system of an intermediate flat mesh for facades (mesh size 5x5 mm).

The mesh is used for the first coat of the MARMORINO FLOOR MONOLITH decorative coating.

## Application



The best surface for application: sand-cement mortar (screed). Before starting the application, we recommend to put anti-crack nylon mesh (with a cell of 0.5 cm) on the base of the floor, in order to avoid the appearance of cracks.

- Apply 2 coats acrylic fixative PRIMER NORMAL with a roller onto a clean and dry surface. Before application dilute PRIMER NORMAL concentrated fixative with water in a ratio of 1: 5 - 1: 8. Before use, recommend to learn the technical data sheet of the product.



*For first coating MARMORINO FLOOR MONOLITH Coarse can be used in basic white color (not tinted).*

- Apply MARMORINO FLOOR MONOLITH Coarse covering whole surface by inox trowel. Time to dry of the coating 12-24 hours.
- After full drying of the first coating apply a second coat of MARMORINO FLOOR MONOLITH Coarse, smoothing the surface as much as possible. If used a mesh before first coating, then second coat must be applied without visible mesh's appearances. time to dry 12-24 hours.
- When second coating full dried, apply the 3rd coating of MARMORINO FLOOR MONOLITH Medium, using the same technique by inox trowel creating small texture, which later appear like veins of natural marble.



*Try to keep or control the humidity level, because then slower the material dries, then more durable it will be. Drying time for the 3rd coating is 12-24 hours.*



## Application



- The fourth and final coating of MARMORINO FLOOR MONOLITH Fine must be applied by classic Venetian inox trowel (traditional for Venetian plaster) for getting the best beautiful result. Apply the material leveling the surface as much as possible and smoothing and polishing it (similar technique of application the finish coating of classic Venetian plaster).
- After 12-24 hours of application final coating MARMORINO FLOOR MONOLITH Fine, polish the surface with an eccentric polish machine until gloss and surface deepness of texture You like.
- After 7-12 days (then more days then better), the final treatment (protection) can be performed, which can be done by the following method:
- Apply on the surface special AQUA binder-fixative, which will create the most comfortable conditions for fixing and binding VETRIFICANTE POLIURETHANICO varnish to the decorated surface. The first layer is applied in one direction, covering whole surface, the second layer is applied perpendicularly to the first. AQUA is ready-to-use. Before use, recommend to learn the technical data sheet of the product.
- 24 hours after the AQUA impregnation has dried, the VETRIFICANTE POLIURETHANICO mono- or bi-component polyurethane varnish can be applied. The varnish should be applied by 2 coats, using a special varnish roller. The first coating application should be in one direction, covering whole surface, the second coating should be applied perpendicularly to the first. Before use, recommend to learn the technical data sheet of the product.



**ATTENTION: THE FLOOR MUST TOTAL DRY BEFORE APPLICATION OF CLEAR COAT, OTHERWISE THE VARNISH MAY PROVIDE TO APPEARANCE WHITE SPOTS.**

## Average yield

MARMORINO FLOOR MONOLITH Coarse:	1 kg / 0,3 m <sup>2</sup> for 2 coats including gridding. Poor preparation of the floor surface affects the increase in material consumption.
MARMORINO FLOOR MONOLITH Medium:	1 kg / 1 m <sup>2</sup> for 1 coat.
MARMORINO FLOOR MONOLITH Fine:	1 kg / 1,6 m <sup>2</sup> for 1 coat.
PRIMER NORMAL:	1 Lt of diluted mixture (diluted concentrated fixative with water) for 8-10 m <sup>2</sup> (depend on absorption of a surface).
VETRIFICANTE POLIURETHANICO:	1 Lt / 8-10 m <sup>2</sup> . Consumption is the same for both: mono- and bi-component varnish.

## Technical characteristics

Temperature for application:	+22 ÷ +35 °C (not less 15°C) at normal humidity
Compressive strength:	<20MPa
Delicate using:	12-24 hours after clear coat protection applied
Normal Using:	after 24 days
Minimal thickness of MARMORINO FLOOR MONOLITH system:	3 mm



## Important notes



*If you are applying the material to a new screed, make sure that it was installed at least a month ago and that it has dried well. Because possible cracks may appear during first two to three weeks after the installation of the screed. If cracks are present, they must be repaired before applying the MARMORINO FLOOR MONOLITH system.*

*It can be helpful to have lighting parallel to the floor surface, but not too close, as the light source emits heat and can cause the material to dry out too quickly, which is important before applying the third coat.*

*This material can be used for decorating surfaces in the shower. Before decorating, the base of shower must be hydraulically insulated.*

*If you want to apply the decor on top of already tiled with ceramic or marble surfaces, then, first of all, you need to sand it with sanding machine for getting adhesive surface, and then seal the seams and joint holes with a specially putty material.*

*MARMORINO FLOOR MONOLITH SYSTEM is easy for local restoration of any defects appeared in time of exploitation.*

## Tinting



The product can be colored with Tinting System PRATTA COLOR SYSTEM and NCP color chart, as well universal toners.  
It is recommended to mix different batches to avoid possible differences of shades during the application.

## Storage



The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.  
Minimum storage temperature: + 5° C (41° F)  
Maximum storage temperature: + 30° C (86° F)

## Precautionary

The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety.  
Let the residues dry out completely and treat them as special waste. Consult the safety data sheet for additional information.

