MARMORINO X FLOOR MONO

Mineral based floors and walls decorative system

Main Characteristics

Description:

The material has white color of base, but on request it can be tinted in any color by RAL or NCS systems. It is possible to tint according to the catalog of color chart for mineral coatings NATURAL COLOR PALLET (NCP) or BALANCE.

Types:

MARMORINO X FLOOR MONO Finish – small grains fillers

MARMORINO X FLOOR MONO Base – big grains fillers

MARMORINO X FLOOR MONO Base for first 2 coatings,
and MARMORINO X FLOOR MONO Finish for final coatings.

The best surface for applying this material is a special leveling mortar (screed), but with proper preparation, the material can be applied to any unfinished surface, such as concrete or an existing ceramic or marble floor. It is not recommended to use this material in places with high physical activity, for example: plants, factories, parking areas. The material is ideal for private, commercial or public spaces.

Properties:

Seamless floor system for interior and exterior, can be used for walls decoration or any vertical surfaces. This system is based on mineral inert fillers with high quality modern additives. The coating has high strength and durability. The coating has a basic white color or can be tinted with water-based pigment pastes (such as PRATTA COLOR SYSTEM pigments). Thanks to additional top protective coatings, the system is water resistant t and protection for absorption of organic coloring liquids.

Purpose:

The system is designed to produce a durable and even finish decorative floor covering in residential and public buildings, including public areas with high traffic. The coating can be applied both on prepared surfaces (according building stadards for basic preparing floors for tiles, parquet or laminate), and on old already laid tiles. Suitable for underfloor heating systems (all types). The thickness of the coating layer is from 3 to 10 mm. The thickness of the layer depends on the chosen design. Because the system consist of several materials, then we recommend to read technical data sheets of each before use.

System of materials

1. PRIMER NORMAL – acrylic based concentrated fixative. We recommend to read technical data sheet of the material before use.
2. MARMORINO X FLOOR MONO Base – Ready to use paste with big grain fillers in plastic package.
3. MARMORINO X FLOOR MONO Finish - Ready to use paste with small grain fillers in plastic package.
4. VETRIFICANTE POLIURETHANICO glossy/semi-glossy - polyurethane varnish for protection mineral and concrete surfaces. Exist in 2 types: gloss and satin effect. We recommend to read technical data sheet of the material before use.

For old surfaces or for surfaces where there is a risk of cracking, we recommend to introduce into the system intermediate flat mesh for outside building facades (mesh size 5x5 mm).
The mesh is used when applying the first layer of decorative coating MARMORINO X FLOOR Base.

Application

Suitable surface for application: cement mortar (screed). Before starting the application, we recommend putting a facade nylon mesh (with a cell size 0.5 X 0.5 cm) on the base of the floor, in order to avoid the appearance of cracks.

First of all, apply PRIMER NORMAL water-based fixative with a roller on a clean, dry and dust-free surface, previously diluting it with water in a ratio of 1:5 - 1:8 in 2 layers. Before use, we recommend you to read the technical description of the product.

1. Spread the MARMORINO X FLOOR MONO Base plaster all over the surface using a metal trowel. After finishing applying 1 layer, leave the area to dry for 12-24 hours.

2. After druing first coating, apply a second layer of MARMORINO X FLOOR MONO Base plaster, leveling the surface as much as possible. When using a mesh, the second coat must be applied to hide the appearance of the mesh. After finishing applying the second layer, leave the area to dry for 12-24 hours.

3. The third layer of MARMORINO X FLOOR MONO Finish apply with a trowel, leveling the surface as much as possible and slightly pressing it (similar to applying the finishing layer of classic Venetian plaster). If necessary, after 12-24 hours, apply another one layer.

4. After 12-24 hours, polish the surface with an eccentric sanding machine (sandpaper type P220) appearance texture effect of need.

5. After 7-12 days drying, the protection can be done by the following method:

6. After complete drying of the MARMORINO X FLOOR MONO coating, you can start application the special polyurethane varnish VETRIFICANTE POLIURETHANICO. Make sure the surface is clean and dry before applying varnish. Such work is usually done with a roller. The varnish is ready to use and does not require dilution before application. VETRIFICANTE POLIURETHANICO should be applied 2 layers, using a special roller for applying varnishes. The first layer applies in one direction, covering whole surface, the second layer apply perpendicular to the first one. Before use, we recommend you to read the technical description of the product.

   Interlayer drying time 8-12 hours.
   Complete drying time 24-48 hours.

The floor should be dry inside, otherwise the varnish may cause process, leaving white spots and decreasing protective properties.

Technical characteristics

MARMORINO X FLOOR MONO Base:	1 kg per 0,3-0,5 m² for 1-2 coatings.
MARMORINO X FLOOR MONO Finish:	1 kg per 0,8-1 m² for 1-2 coatings.
PRIMER NORMAL:	1Lt of ready to use mixture per 8-10 m² (depend on absorption properties of surface).
VETRIFICANTE POLIURETHANICO:	1 Lt per 8-10 m².
Temperature for application:	22-25°C (not sub 15°C)
Humidity:	up to 85%
Compressive strength:	<20MPa
Primery pedestrian load: finishing	12-24 hours after full drying of the clear coating
Full pedestrian load:	24 days
MARMORINO X FLOOR MONO	Minimal thickness: 3 mm.

High humidity or low temperatures provide to slowing down the drying process of the system.

Important notes

- *If you are applying the material to a new screed, make sure it has been poured for at least a month and has dried well. Since probable cracks may appear during the first three weeks. If there is a crack, it is necessary to repair them before starting application of the MARMORINO X FLOOR MONO system.*

- *During application of the MARMORINO X FLOOR MONO system, it can be useful to have the lighting parallel to the floor.*

- *This material can be used for shower walls decorating, as a shower flooring base. Before decorating, waterproofing work on the base of the bowl must be carried out.*

- *If you need to apply decor over an already laid ceramic or natural marble tile, then, first of all, you need to roughen the surface with a sandpaper, and then close the seams and docking holes with a special putty.*

- *If decorated surface damaged during exploitation, then the material is very easily for located restoration.*

Tinting

Base of material is white color and can be tinted in various colors and shades according to RAL, NCS, NCP color-chart systems. When tinting exterior finishes, we recommend to use UV-resistant pigments.

It is possible to differ in the shades of the applied coating from the samples presented in the catalog, as well as the difference in shades of different lots of goods. Therefore, it is necessary to mix the material from different lots and make a trial application before starting work.

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Storage

The packaged product, placed in a cool, dry place, has a shelf life of at least 24 months.
Close the container carefully after use and store upside down.
Minimum storage temperature: +5°C
Maximum storage temperature: +40°C

Safety Notes

SAFETY

Use the material in accordance with current hygiene and safety regulations. After use, it is forbidden to dispose of the packaging in the environment, the remnants of the material must be completely dried and disposed of in accordance with the regulations for the disposal of building waste.
Do not dispose of waste material in sewers, water courses or on the ground. For more information please refer to the Product Safety Data Sheet.

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