

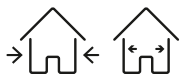
NEWTONE

Microporous mineral decorative coating with a strong natural connotation that actively contributes to living comfort.



Main Characteristics

Description:



NEWTONE is formulated on the specific properties of top quality slaked lime, natural marbles and selected quartz, which when appropriately balanced, allow excellent workability and moldability. Special natural fillers component creates a network structure of particles, adjusts processing times and improves the workability of the product. The presence of fibers strengthens and reinforces the structure, thus contributing to the realization of greater thicknesses in synergy with the other components.

Usage:

NEWTONE allows to create of top quality finishes with crinkled effect, different types stencil textures with soft and warm colors, at the same time providing an elegant decoration for interior and exteriors surfaces. NEWTONE is an top ecofriendly material. Traditional lime plasters represent NEWTONE's most suitable substrate, since the product reacts chemically with them, building up a unique base able to preserve the lime coating for a longer period of time (more then 25 years With appropriate and necessary recommendations during the application cycle, NEWTONE is also suitable for:

- Plaster and cement mortars
- Pre-mixed renderings
- Pre-existing lime and gypsum plasters
- Moisture-permeable plasters
- Gypsum plaster-boards.



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

Preparation



The substrate must be perfectly dry, dust-free, with no humidity and salt stains. Resurface or consolidate the surface with specific products if necessary. In case of mold, treat the surface with suitable specific products. Brush or remove any efflorescence and old peeling paint. Higher layers of old lime-based paint and tempera paint must be removed. Brush out dust, smog or other deposits before the application.



Preparation

For external use:



Apply 2 coats of acrylic fixative PRIMER NORMAL (Read technical data sheet of the product before using). 6-8 hours after fixative application apply 1 coat of FONDO A CALCE - water-based acrylic pigmented primer (Read technical data sheet of the product before using).

For internal use:



Before application of NEWTONE plaster is necessary to prepare the surface properly using paste putty (as ORSO Infinity Basic or Light types). Sand a surface after more than 12 hours of drying with sanding paper (we recommend grain type P120-P150) then remove well all the dust from surface and apply 1 coat of acrylic fixative PRIMER NORMAL (Read technical data sheet of the product before using). 6-8 hours after fixative application apply 1 coat of FONDO A CALCE - water-based acrylic pigmented primer (Read technical data sheet of the product before using).

Application

Recommendations:

During the entire application process, the product must be protected from cold and high heat changes. Do not apply with air, substrate and product temperature lower than +5°C and higher than +35°C, nor under direct sun light, nor on superheated surfaces (even if already in shadow). Environmental humidity must be <85%; substrate humidity must be <10%.

Application:



On dry surface, apply one smooth coat of NEWTONE with a stainless-steel trowel covering whole surface. If You need absolutely smooth surface, then is better before it dries out, work the surface with a wet sponge trowel. Remove any imperfections and over-product. Wait the complete drying of the surface, then apply a second coat of NEWTONE with stainless steel trowel. If You need classic smooth plastered surface, then before it completely dries, finish off the surface with a wet sponge trowel, obtaining a compact and rough surface at the same time.

In order to obtain a semi-polished and compact effect, work the surface still wet with a stainless-steel trowel.

To improve the visual and tactile effect, it is recommended to keep the surface wet, compacting it until obtaining the desired effect. Different textures can be reach using specific tools, stencil patterns and/or applying, after at least 24 hours, one or more coats of VELATURA finish, siloxane color wash, properly diluted.

Protection:

It is possible to protect and decorate interior surfaces with the application of METALLINE or FANTASIA (metallic and pearl versions). Read technical data sheet of the product before using. Higher-protection performances in interiors and exteriors can be achieved applying ORSO UMBRELLA.



Technical characteristics

Temperature of application:	+5 ÷ +30°C
Relative humidity for application:	< 85%
Touch Dry:	4 - 6 h
Recoat after:	6 h
Completely cured:	24 h
pH:	12-14
Weight solids:	78%
Theoretical yield:	0,4 -1 m ² /kg (depend on texture design)
Color:	white, tinted
Package:	6 kg, 20 kg, 24 kg

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.

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

