



MONOLAYER PREMIXED PLASTER BASED ON NATURAL LIME AND GYPSUM FOR BASE COAT PLASTER

Compliant with UNI EN 13279-1

DESCRIPTION

It is a mortar made of natural lime and gypsum for interior base coat plaster with a high and constant quality level, produced with an automated system, to use by hand or with a plaster sprayer.

COMPOSITION

Hemihydrate gypsum, natural lime, perlite, vermiculite, calcareous aggregates with a maximal grading of 0,6 mm and natural additives tested for the specific use which give to the product a high adhesion and workability.

FEATURES

An accurate and selected choice of the main materials made with a perfect grade curve, thanks to the use of our own system of crush, produce, just adding water, a mortar very plastic and easily workable. Used as a plaster can be applied directly on every interior. No cracks and no

detachments, breathable and impact-resistant.

AVAILABILITY

INTOUNO MA: By hand;
INTOUNO: Mechanically;

USE

INTOUNO is a monolayer plaster to apply directly on any internal surface, on old and new interiors/exterior building as bricks, old masonries, concrete, reinforced-concrete, reinforced-bricks attics, etc, to use by hand or mechanical stirrer. When INTOUNO is finished has a smooth specular surface.

APPLICATION

- The surface must be free of dust and dirt. Any traces of oil, grease, wax etc. must be removed in advance
- Wet in advance particularly absorbent or dries walls or exposed to hot climates
- To mix by hand, with a cement mixer or with a mechanical stirrer with low rpm, till when the mixture isn't homogeneous; with a plaster sprayer regulating the flow meter till when the density isn't perfect.
- INTOUNO can be used at different thickness, for just one application never higher than $1 \div 1,5$ cm. For more applications, let the surface rest for one hour at least.
- The minimum thickness of the finished product doesn't have to be lower than 5 mm.
- With high temperatures, wind and low wetness, we advice you to protect the surface from the quick drying, drowning it.
- INTOUNO MA has to be used by hand within 30 minutes from the preparation of the dough.
- INTOUNO MC has to be used by mechanical stirrer.
- Don't use on frozen surfaces, with frost or possible frost in 24 hours.
- On structures and canalizations made of metal apply an anti-rust paint
- Apply on foamed concrete substrates previously treated with the undercoat "INTOBETON/R".
- Apply on tuff substrates, stones, mixed masonries previously treated with the undercoat "INTOBETON/R".
- On foamed concrete blocks apply in advance the primer "INTOGRAPPO".
- Don't use on gypsum substrates, on synthetic coatings and on paints.
- Don't use on wet internal substrates or on dehumidifying plasters.
- Don't use on moist environments (bigger than 2,5%).
- Don't apply on exteriors.
- Don't use on friable and insubstantial surfaces
- Don't use until when the plaster hasn't completely dried.
- Don't add any other material to the product.
- We suggest to apply INTOUNO with a temperature between $+ 5^{\circ} \text{C}$ and $+ 30^{\circ} \text{C}$.



INTOUNO FINISHING

After the application by hand or mechanical stirrer of INTOUNO and screening to level, after about two hours, remove every corner guards and guides and smooth the substrate to eliminate the external film and any undulations with the American trowel or with the scraper. Then:

After the application, moisten and finish with a sponge float. You'll obtain a mixture to handle with an American trowel to have a smooth mirror surface.

Then finish the surface using the skim coat plaster MICRORAS/SB or FINITURA STUCCO.

The last application must be done with the American spatula moistening the surface.

YIELD

8/10 kg/mq for each cm of thickness.

PACKAGING

Loose in silos (gravity feed).

Multi-ply paper sacks with protection, 25 Kg. On wood pallets, 15,00 ql. (60 sacks).

TECHNICAL SPECIFICATIONS COMPLIANT WITH UNI EN13279-1

Water content of the mix	~37-39%
Grading EN 1015-1	≤ 1 mm
Specific Weight EN 1015-10	650 kg/m ³ ±10%
Mixed PH	10
Shrinkage for applications in normal conditions	Absent
Setting Time EN 13279-2	220 minutes ± 30 minutes
Hardening Time	140 minutes ± 15 minutes
Ré battage	120 minutes ± 40 minutes
Pot life	40 minutes
Compressive strength after 28 days EN 13279-2	2,0 N/mm ²
Flexural strength after 28 days EN 13279-2	1,0 N/mm ²
Adhesion on bricks EN 13279-2	0,35N/mm ²
Water vapor diffusion resistance factor EN 1015-19	μ = 6,6
Thermal conductivity Coefficient EN 13279-1	l = 0,20 W/mK
Fire reaction EN 13279-1	Class "A1"
Toxicity – Regulation CE 1272/08	Danger
Classification 13279-1:2008	B4-50-2/DOP nr. 120
Fire Resistance compliant with.16/02/2007 D.M	REI 120

SUMMARY

Interior masonries will be realized with premixed monolayer plaster, made of natural lime and gypsum, perlite and vermiculite like "INTOUNO" by MALVIN S.r.l., to apply by hand or mechanically and to mix just adding water, with a consumption of 8/10 kg/mq for cm of thickness, with a compressive strength after 28 days of 2 N/mm² classification UNI EN 13279-1 : B4/50/2

The performance characteristics refer to laboratory tests, values depend on the weather conditions and on the methods of implementations. The operator must verify the suitability of the product depending on the use planned.



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