



MEGAPREM NEW RC9



THE PRODUCT

MEGAPREM NUOVO RC9 is a dry premixed mortar, based on super-ventilated hydrated lime, white cement and selected limestone aggregates, formulated according to the most established and traditional recipes, to be used as a white smoothing compound for the creation of smooth, high-quality surfaces. Due to its light color and marble appearance, it can also be left exposed. It is also suitable as a substrate for paper or plastic coverings.

CE UNI EN 998-1

CHARACTERISTICS

The recipe of MEGAPREM NUOVO RC9 is completed by additives of natural origin which ensure the high performance characteristics only of modern premixed plasters. The water retention of MEGAPREM NUOVO RC9 gives the mortar good rheology, smoothness, perfect curing with the absence of cracks and crazing.

MEGAPREM NUOVO RC9 is a hydraulic product and, unlike other products, hardens correctly in the presence of humidity and is not affected by air humidity. Due to its particular adhesion qualities, MEGAPREM NUOVO RC9 is suitable for application on any type of cement/hydrated lime-based plaster base; in particular it has excellent adhesion to MEGAPREM N and MEGAPREM NH.

► necessary, moisten the base layer; once installation is complete, it is best to protect it, in any case, from drying out too quickly, especially on hot or windy days. The best results are obtained by applying the product in 2 successive layers. It is good practice to let MEGAPREM NUOVO RC9 rest for at least 20 minutes after mixing, before applying it; however, mortars prepared hours later should never be used; in any case it is advisable to vigorously mix the product before using it. Always make sure there are no lumps in the dough. It is recommended to carry out any painting or apply the coating only once it has fully hardened (3-4 weeks in summer, with the rooms well ventilated; longer in winter if it is not possible to heat them).

To apply wallpaper or plastic coverings it is necessary to treat the well-dried surface with a solvent-based primer.

HOW TO USE

MEGAPREM NUOVO RC9 is a ready-to-use product: you just need to add water in the required proportion (45%, corresponding to approximately 11 liters of water for each 25 kg bag). It can be applied by hand, preferably in two layers, with a total thickness of no more than 2 mm.

APPLICATION TIPS

Before applying the product, it is advisable to scrape off any rough edges with a steel brush and fill any large cavities; in case of a surface that is not sufficiently smooth, it is advisable to apply a layer of MEGAPREM T600 or MEGAPREM RASO F140: this will facilitate the application of the thin layer of MEGAPREM NUOVO RC9 and its homogeneous hardening. MEGA-PREM NUOVO RC9 is used on hardened plaster as long as it is free of dust, grease or anti-adhesive substances. Do not apply on painted surfaces or with pre-existing finishes: remove old finishes and paints.

If the surface to be finished is inconsistent, it must be treated with an appropriate fixative.

If used as a smoothing coat on plaster, it does not require primer; for application on smooth reinforced concrete or prefabricated buildings, it is advisable to use a layer of adhesive such as MEGAPREM 20A. Before installing the MEGAPREM NUOVO RC9, it will be necessary, if

SPECIFICATION ITEM

White smoothing plaster, to be made with pre-mixed dry mortars based on super-ventilated hydrated lime, white cement and selected limestone aggregates.

SUPPLY AND STORAGE

In 25 kg paper bags on pallets, protected with an extendable cap. It is recommended to store the MEGAPREM NUOVO RC9 in a dry place, possibly on wooden shelves. It is recommended to use it within a period of 12 months.

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MAIN TECHNICAL CHARACTERISTICS

Mixing water	46 - 50 %
Color	White
Brilliance	80 - 83 %
Consumption	1.0 - 1.2 kg/m ² for 1 mm thickness
Granulometry	< 0.09mm
Apparent density	0.7 kg/litre
Reaction to fire	Class A1
Water retention	96 - 98 %
Membership	0.7 N/mm ² - FP:b
Water vapor permeability (EN 1015-19)	5/20 μ
Water absorption	W 1
Thermal conductivity (λ10, dry) (EN 1745)	0.27 W/mk (tabulated P value=50%)
Durability	NPD
Life time of the dough	2 hours
Resting time for the dough	20 minutes
Recommended thickness	1 - 2 mm
Application temperature	From +5°C to +35°C

The indicated times, referring to 20 °C and 50 % RH, are longer at lower temperatures and shorter at higher temperatures.

WARNING - The indications and prescriptions reported above correspond to our experience and are to be considered, in any case, purely indicative; furthermore they must be confirmed by exhaustive practical applications; therefore, before using the product, anyone who intends to use it is required to establish whether it is suitable for the intended use and in any case assumes any responsibility that may arise from its use.