

Name	MARMORIN
Description	Traditional natural marmorino
Product characteristics	MARMORIN is a lime putty-base mineral finish with a traditional marmorino effect for interiors and exteriors. Special additives in the paint make it possible to produce thick finishes with a compact or raw material appearance depending on the application technique employed.
VOC Classification (Directive 2004/42/EC)	Matt paint for interior walls and ceilings EU VOC limit value for MARMORIN (cat. A/a): 30 g/L (2010). MARMORIN contains no more than 30 g/L of VOC.
Classification (UNI EN 1062-1)	E5 S3 V1 W1 A0 C0
Classification (UNI EN 15824)	The product is specific for organic-binder based interior and exterior plasters. Conformity assessment system 4.
Main application tools	Spatula
Application method	<p>INTERIOR</p> <p><u>Mineral mortars:</u> the surface must be uniform, matured, absorbent and free of patches or plastic finishes. In case, clean the surface well, removing all traces of previous paint and/or plaster, dirt, grease etc., by brushing, sanding or with cleaning equipment. Render, if necessary, with a smoothing product compatible with the existing mortar and let it cure. If necessary embed a mesh in smoothing product to reinforce the surface. Wet the surface and apply the product in 2 or 3 coats. In case of chalky surfaces apply a coat of prymar, apply one coat of quartz-based paint and then 2 or 3 coats of product.</p> <p><u>Gypsum or plasterboards:</u> if necessary render the surface with a specific filler for gypsum and apply a prymar. Roughen the surface with quartz-based paint. Apply two or three coats of product.</p> <p><u>Mixed mortar plasters and fine textured cured plaster:</u> The surface must be uniform, matured, absorbent and free of patches or plastic finishes. In case, clean the surface well, removing all traces of previous paint and/or plaster, dirt, grease etc., by brushing, sanding or with cleaning equipment. Render, if necessary, with smoothing product compatible with the existing mortar and let it cure. If necessary embed a mesh in the smoothing product to reinforce the surface. Wet the surface and apply the product in 2 or 3 coats. In case of chalky surfaces apply a coat of prymar, apply one coat of quartz-based paint and then 2 or 3 coats of product.</p> <p>EXTERIOR</p> <p><u>Mineral mortars:</u> the surface must be uniform, matured, absorbent and free of patches or plastic finishes. In case, clean the surface well, removing all traces of previous paint and/or plaster, dirt, grease etc., by brushing, sanding or with cleaning equipment. Render, if necessary, with a smoothing product compatible with the existing mortar and let it cure. If necessary embed a mesh in smoothing product to reinforce the surface. Wet the surface and apply the product in 2 or 3 coats. In case of chalky surfaces apply a coat of prymar, apply one coat of quartz-based paint and then 2 or 3 coats of product.</p>
Practical advice	<p>Do not apply the product on surfaces exposed to direct sunlight or in the presence of strong drafts. The base coat should be set, clean and free from any chipping, peeling and/or dampness. New plasters should be left to age for at least 4-5 weeks to allow for complete carbonation.</p> <p>For exterior applications, the primer should be a lime putty-base mineral coating that is moist enough for proper adhesion. If using a non-lime putty based primer, ensure adequate smoothing with smoothing product.</p> <p>Environmental conditions: temperature min. +5°C/max. + 35°C, relative humidity: < 75%. Primer conditions : temperature min. + 5 °C/max. + 35 °C, humidity: < 10 with respect to relative humidity.</p> <p>Shake the product before use or, if it is very dense, use a spatula or a mixing drill to achieve a workable consistency.</p>

When applying to very large surfaces be sure to interrupt the application in appropriate places (for example near drain pipes) or building joints. Do not interrupt application in the middle of a wall because, as the products are natural, the final colour may be affected by climatic conditions and by different plaster absorption rates. Aesthetic features include minor hue variations and colour shading (lighter or darker). Do not rework on the same surface.

Moisten the surface between coats.

After exterior applications, surfaces should be protected against driving rain, freezing temperatures (temp > 5 °C), fog, dew, and dust for at least 48 hours.

It is recommended that the colour of the completely dried product be checked before application, especially for lime putty-base products.

Rinse used tools with water immediately after use.

Keep the paint can sealed and away from freezing temperatures and sunlight.

Safety data

- Keep the paint can sealed and away from freezing temperatures and sunlight.
- Safety information for users is contained in the relative safety data sheet.
- Empty containers or containers with traces of dried product film should be disposed of according to local regulations.

TECHNICAL/REGULATORY INFORMATION	APPLICABLE REGULATION	INFO AT 20 °C AND 60% HUMIDITY
Appearance in the can Finish appearance		Paste Matt
Density g/ml	UNI 8910	1,8 ÷ 1,9
Brookfield Viscosity cPs	ASTM D 2196	Paste
Natural spread rate (Kg/m ²)	ISO 7254	3.4 - 4.5
Flash point °C	UNI 8909	Non-flammable
Shelf life (in a cool and dry place)	UNI 10154.	At least 12 months
Hard dry Hours (h)		24
Overcoating Hours (h)		12 ÷ 24
Application places		Interiors/Exteriors
Base + achievable colours		White, neutral + Marmorini colour collection
Binder		Lime
Tool cleaning		Water
Dilution % by volume		Ready to use