

MALTA FINA (FINE MORTAR)

DESCRIPTION

Natural finish with lime putty base, free of cement, for indoors and outdoors.

COMPOSITION

FINE MORTAR is a natural finish with a lime putty base seasoned for at least 8 months, river silica sand and as much clean water as necessary to improve working, completely free of cement, chemical or organic additives.

TECHNICAL DATA

Specific weight of the fresh product (EN 1015-6)	1.650-1.750 kg/m ³
Particle size	≤ 1 mm
Air content of the fresh product (EN 1015-7)	2-3%
Maximum thickness	1 mm per coat
Consumption	1.6-1.7 kg/m ² per mm thick
Specific weight of hardened product at 28 days (EN 1015-10)	1.550-1.650 kg/m ³
Flexural strength at 28 days (EN 1015-11)	0,5-1 N/mm ²
Compression strength at 28 days (EN 1015-11)	0,5-1,0 N/mm ² (CS I)
Dynamic elastic modulus at 28 days	1800-2200 N/mm ²
Adhesion to support (EN 1015-12)	0,3-0,4 N/mm ²
Coefficient of resistance to vapour passage (μ) (EN 1015-19)	8 (value measured)
Water capillary absorption (EN 1015-18)	0,08 kg/(m ² ·min ^{0,5}) (W2)
Reaction to fire (EN 13501-1)	A1
Complies with Standard UNI EN 998-1	GP - CSI - W2

APPLICATION FIELDS

FINE MORTAR is used to finish PLASTER, on other traditional plasters with a lime base, lime mortar and on pre-mixed plaster.

For renovations, always accurately evaluate the causes of existing deterioration before carrying out the work to avoid the same problem arising again; in particular, you should eliminate or at least reduce rising damp phenomena, the presence of salts or phenomena that could occur on exterior facades due to poor protection from atmospheric agents.

Thanks to its natural characteristics, this product is attentive to health and safeguarding the individual and the environment.

PREPARATION OF THE SUPPORT

Carefully check the status of the support; it must be clean, free of dust, saline efflorescence, moss, oils, grease, wax, etc. solid, consistent, damp and absorbent.

For very deteriorated, existing plaster finishes, with poor resistance and/or of little historical interest, proceed to totally remove the surface up to the masonry work; for existing plasters and finishes only partly deteriorated and of historical interest proceed to partially remove the surface up to the masonry work; for deteriorated finishes of little historical interest and resistant and difficult to remove plaster, proceed to totally removing the paint and partially removing the plaster over the entire surface, without exposing the masonry work, but using the old plaster as a rough coat for the new application.

Clean the surface with a water jet, without being excessive.

APPLICATION METHOD

FINE MORTAR is applied by hand with a metal spatula or a trowel or a specific plastering machine. The product must however be previously mixed with a mechanical agitator.

After at least 72 hours from application of the sub-base plaster, apply FINE MORTAR in two coats, the second of which should be applied when the first is still damp; times will differ based on the type of support, the temperature and humidity of the environment, if indoors or outdoors and the ventilation in the premises.

Based on the aesthetic effect desired, you can obtain a smooth or trowelled effect, according to the work: to obtain a smooth effect, you must smoothen the surface with the metal spatula before the surface dries completely; to obtain a trowelled effect, which is more rustic, work the surface using a sponge trowel in circular movements.

Outdoors, it should be protected with breathable, water-repellent products such as Linseed oil, siloxane and silicate-siloxane based products.

RECOMMENDATIONS

When using the product, the temperature of the surrounding environment and the support must not go below 5°C and over 30°C.

Do not apply on frozen supports, defrosting supports or supports at risk of frost in the next 24 hours.

SUPPLY

- Loose in 1,000 kg (approx.) metal containers, with a protective sheath (limited territorial distribution).
- 30 kg (approx.) bags
- 1,200 kg (approx.) big bags (40 bags x 30 kg approx.)

STORAGE

- Keep far from frost and excess heat; the temperatures should not go below 5°C and over 30°C.
- It lasts approximately 12 months if protected from the sun and frost.

The data outlined refer to tests carried out by the Morandi Bortot srl laboratory; in practical applications on building sites, these can change considerably based on the working conditions. The user must however check the product is suitable for its planned use, assuming all responsibility for such use. Our products undergo continuous quality controls on the raw materials and the end product to guarantee constant quality. Our technicians and consultants are available for any information or clarifications you may need, on how to use and work our products. Morandi Bortot srl reserves the right to make changes without prior notification.

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