

# EXTRA LISCIATURA SABBIE CALCAREE (CALCAREOUS SAND EXTRA SMOOTHING PLASTER)

## DESCRIPTION

Natural plaster with a lime putty and calcareous sand base with particle size under 100 micron, free of cement, for indoors and outdoors, with an extra smooth finish.

## COMPOSITION

CALCAREOUS SAND EXTRA SMOOTHING PLASTER is a natural smoothing plaster with a lime putty base seasoned for at least 8 months and filtered to 200 micron, very fine calcareous 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)	1.500-1.600 kg/m <sup>3</sup>
Particle size	≤ 0,2 mm
Air content of the fresh product (EN 1015-7)	4-5%
Thickness	< 1 mm per coat
Consumption	1.5-1.6 kg/m <sup>2</sup> per mm thick
Specific weight of hardened product at 28 days (EN 1015-10)	1.000-1.200 kg/m <sup>3</sup>
Flexural strength at 28 days (EN 1015-11)	0,5-1,0 N/mm <sup>2</sup>
Compression strength at 28 days (EN 1015-11)	1-2 N/mm <sup>2</sup> (CS I)
Dynamic elastic modulus at 28 days	1.000-2.000 N/mm <sup>2</sup>
Adhesion to support (EN 1015-12)	0,3-0,4 N/mm <sup>2</sup>
Coefficient of resistance to vapour passage (μ) (EN 1015-19)	≤ 10 (value measured)
Water capillary absorption (EN 1015-18)	0,10 kg/(m <sup>2</sup> ·min <sup>0,5</sup> ) (W2)
Thermal conductivity (λ <sub>10,dry</sub> ) (EN 1745)	0,82 W/m·k
Reaction to fire (EN 13501-1)	A1
Complies with Standard UNI EN 998-1	GP - CSI - W2

## APPLICATION FIELDS

CALCAREOUS SAND EXTRA SMOOTHING PLASTER is used as an extra smooth finish on CALCAREOUS SAND SMOOTHING 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.

For old or very dry supports, before applying CALCAREOUS SAND EXTRA SMOOTHING PLASTER, an appropriate primer must be applied to guarantee adhesion over the entire surface.

## APPLICATION METHOD

CALCAREOUS SAND EXTRA SMOOTHING PLASTER is applied by hand with a metal spatula. The product must however be previously mixed with a mechanical agitator.

After at least 72 hours from application of the plaster finish, apply CALCAREOUS SAND SMOOTHING PLASTER in a single coat, followed by CALCAREOUS SAND EXTRA SMOOTHING PLASTER when the first has dried: 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.

Smooth the surface with a metal spatula before the surface completely dries.

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

- 23 kg (approx.) containers

## 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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