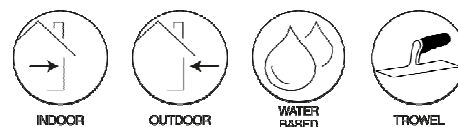


ASFODELO 530

Technical Sheet - Ed. 06/2021



Hydrated lime-based plaster premix, 1.2 mm

DESCRIPTION

Hydrated lime-based plaster premix containing hydraulic binders and select calcareous aggregates, specifically designed for rational application and manual application and improve its characteristics in the fresh state and after hardening. Suitable for eco-friendly indoor and outdoor plasters and for those of historic and cultural buildings. Maximum applicable thickness 15 mm per coat. For professional use.

MAIN PROPERTIES

- Based on Natural Lime
- Easy to work

TECHNICAL DATA

Classification UNI 8681	One-pack, matt, physical drying powdered plaster for base coat.
Maximum granulometry EN 1062	1.5mm
Maximum application thickness	1.5cm per coat
Apparent bulk volume	1380 ± 50 g/l
Bulk volume in paste	1700 ± 50 g/l
pH	>12
Type of binder	Hydraulic lime (UNI 8681: SA)
Solid content	100%
Vapour permeability EN 1015-18	Class W0 (Not Specified)
Adhesion EN 1015-12	>0,2 N/mm ² - FP:B (EN 1015-12)
Flexural properties	28 giorni: 1 N/mm ²
Compressive properties	2 N/mm ² , CS II (1,5 to 5 N/mm ²)
Thermal conductivity EN 1745	0,47 W/mK
Water vapour diffusion (μ)	5 - 20
Reaction to fire	Class A1
VOC	Not covered by Directive 2004/42/CE

CHARACTERISTICS

Colour range	White
Coverage	14 kg/m ² per mm of thickness
Mixing Ratio	23% with water 5.75 Litres per 25Kg package
Diluted with	Water
Open time EN 1346	30 min
Pot-life of mixture	About 3 hours
Drying time	24-48 hours between coats. At least 10 days before covering. Drying time depends greatly on environmental conditions.
Overpaintable	Compatibility with other products: compatible with all water-based products

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APPLICATION

Suitable Substrates:

It is applied on conventional masonry

Preparation of the Substrate:

Before applying ASFODELO 530, any efflorescence, loose parts and substances that could jeopardise adhesion must be removed from the substrates. Substrate irregularities larger than 2 cm are to be prepared at least two days earlier. We recommend dampening (not soaking) the substrates to make the water loss and workability of the plaster more uniform.

Application Procedure:

ASFODELO 530 is a mixture with a perfectly balanced composition. Therefore, to maintain its original properties intact, the addition of foreign materials is not recommended. ASFODELO 530 can be applied in a single coat up to 1.5 cm; for greater thicknesses, to prevent the formation of tiny gaps during hardening, we recommend applying it in several coats. Do not apply on gypsum, friable substrates or old paint. The minimum application thickness is approximately 1 cm. Depending on the desired finish, level or finish using a sponge trowel; after hardening, it can be treated with Artemisia, a skimming plaster of the same type to give a two-coat finish.

Type of Equipment:

spatula, mason's trowel, cement mixer, continuous plastering machine

Notes:

Do not apply on surfaces that are in direct sunlight, frozen or very hot. Do not apply when it is very windy or when there is fog or rain. The conditions must last at least 2 days after application.

Ambient Conditions:

min +5°C max +35°C

STORAGE

Packaging:

25kg bags

Duration and Preservation:

1 year on a pallet and when stored in a dry place in undamaged packages at between 5 and 30°C.

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

TECHNOLOGIES/CERTIFICATIONS



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