

Technical data sheet AR/0002.F420



DOLCI ARGILLA Fine FINISHING PLASTER



Description

Clay-based finishing and/or levelling plaster for internal use, recommended for the decoration of prestigious historical buildings and newly constructed buildings. The product is applied manually with a thin coat.

Characteristics

Excellent permeability to water vapour.

Composition

Inert natural materials chosen on a granulometry curve from 0 to 0,7mm. Natural resins of vegetable origin.

Selected clay (exempt from hydraulic binders and substances of chemical origin).

Surfaces

Being a clay-based plaster, generally it is recommended to apply it on **Dolci Argilla Medium AR/0002.M320**.

In any case it can be used on other surfaces : lime-based plaster, cement, gypsum, gypsum plates, plasterboard.

Do not apply to surfaces susceptible to humidity, where salt has appeared on the surface because of rising damp and near to water.

Preparation of the surface

- Lime-based and earth-based plaster (moisten the surface before application).
- Concrete, plaster, plasterboard, plaster plates : apply **Iso-quarz IS/0255** to facilitate the grip of the plaster and wait 24 hours before applying a first coat of DOLCI ARGILLA Fine.

The surface must be clean, dry, absorbable, non-powdery, exempt of salts and without traces of fatty substances.

Allow new plaster to age for at least 28 days.

On already painted or degraded surfaces, it is necessary to remove the paint which causes problems of adhesion with the surface, fill any cracks with filler and apply a coat of **Iso-quarz IS/0255** fixer or **Casein Solution PL/1182**.

Preparation of the mixture

Mix in a cement mixer or other mixer adding 4 - 5 litres of water ($\pm 20/25\%$ %) until obtaining the desired consistency. Wait for about 30 minutes, adding water if necessary and stirring again for 15 seconds before application. It is possible to obtain further effects by adding straw, mother-of-pearl or mica to the product (400 g x 20 kg).

In these cases, when the plaster is dry, brush the surface with a brush in order to highlight the added materials.

Application

Do not apply at temperatures below + 5°C or above + 30°C. On lime-based and earth-based plaster, a DOLCI ARGILLA Fine should be applied on a moistened surface.

Before moistening the surface, check that it is completely dry, in order to avoid possible residues of humidity in the walls that could compromise the correct drying phase of the product.

Proceed with a uniform application of the paste with a thin coat (2-3 mm) using a steel trowel.

To obtain a rustic effect, finish off the surface with a damp sponge trowel.

To obtain a smooth finish, during the drying phase, proceed with smoothing using a steel trowel in such a way that the pressure of the trowel enables the penetration of the inert mineral materials into the the plaster.

If the plaster is too dry, moisten it before starting.

The drying phase sees a loss of water which could cause some minor stains. These do not affect the technical characteristics of the product on a structural level and can be removed by moistening and using a trowel.

Warning

Colour can vary significantly from one production batch to another owing to the strictly natural origins of the raw materials used therefore for this reason we recommend that a single batch is used for the last coat. We also advise carrying out a preliminary test before application.

Consumption

About 1,5-1,6 kg/m²/mm, depending on the type of surface.

Equipment for application

Steel trowel, trowel for pre-mixed plaster and sponge trowel. Wash equipment with water after use.

Packaging and storage

Available in paper sacks of 20 kg.

Does not contain preservatives, once water is added, the product should be used within 3 to 4 days.

The product stored in sacks maintains its qualities indefinitely if stored in a dry place in the original packaging.

Store away from water.

Disposal

Dispose of the product according to local regulations. Empty containers must be re-cycled.

The advice and indications given above are based on our experience and are of an informative nature and do not bind us to any responsibility. The application of the product takes place without our direct control, the user therefore takes all responsibility for any consequence of use. Our technical assistance team is available for any further information that might be necessary.

Technical data sheet AR/0002.F420



DOLCI ARGILLA Fine FINISHING PLASTER



Technical data

Product	DOLCI ARGILLA Fine
Type	Powder
Granulometry	0 - 1 mm
Density	1490 kg/m ³
Resistance to compression	11,3 kg/cm ²
Resistance to bending	12,6 kg/cm ²
Resistance factor to the diffusion of vapour	< 8 μ
Coefficient of thermal conductivity	0,54 W/mK
Class of reaction to fire	ND
Consumption of primary energy for production	ND

Date : 27/09/19

The advice and indications given above are based on our experience and are of an informative nature and do not bind us to any responsibility. The application of the product takes place without our direct control, the user therefore takes all responsibility for any consequence of use. Our technical assistance team is available for any further information that might be necessary.