

Technical data sheet CC/0001



INTONACHINO (PLASTER) IN POWDER 000



Description

Mineral based finisher with fibres of "granulometry fine 000". Powder product ready to use, high permeability to vapour, suitable for the decoration and protection of internal and external wall surfaces of both historical buildings and new construction. The product is odourless and is environmentally friendly.

Characteristics

A product with CE label, it conforms to European norms.

Easy to apply, it has excellent covering power, good adhesion, good mechanical resistance to compression, excellent resistance to alkalis.

Perfectly stable over time, it binds completely with the wall surface on which it is applied maintaining the natural breathability of the surface.

Total thickness between 1 mm and 10 mm.

Composition

Hydrated lime, white cement, white Verona marble powder, white Carrara marble powder, methylcellulose, fibres, binding agents.

Preparation of surfaces

Newly plastered surfaces should be allowed to dry for at least 28 days. They should have no flaky surfaces and should be exempt of salts and humidity.

On already painted or deteriorated surfaces, the existing paint and any damaged parts should be removed before applying a coat of **Isoquarz IS/0255** 24 hours before applying the finishing coat.

In the case of organic surfaces : proceed by washing with a jet of water (not high pressure) then wait for the surface to dry completely. Before applying the smoother on the whole surface, first carry out some tests on a critical area of the surface (resistance to tearing, saponification, scraping, absorption etc).

On critical surfaces : (eg. Flaky plaster etc) prepare a test for tearing by applying the smoother with appropriate reinforcing mesh.

Preparation of the mixture

INTONACHINO 000 is ready to use and should be mixed with $6,5 \pm 7$ litres of pure water per sack of 25 Kg. Use a drill stirrer at low level of revolutions to obtain a plastic and homogeneous mixture within 3 minutes of mixing.

Leave to rest for about 5 minutes before stirring again for about 15 seconds before application.

If using colouring powders (earths, oxides,...) allow them to soak in water and then filter if necessary. Add the colour until it is completely mixed in. For better dispersion of the pigment, we recommend adding to the water in which you mix the pigment, a percentage of 20-50% of **Pentasol TR/1000**. The product facilitates humidification of the pigment and reduces viscosity thus increasing the penetrative power of the colour.

Colours

INTONACHINO 000 is supplied white as standard.

Starting with the standard colour, by adding earth colours, oxides or appropriate colour pastes, a wide variety of colours can be created.

Resistant to UV rays, the exclusive use of natural earth colours guarantees a high resistance to light and inimitable colours.

Application

Application by hand

After having well-stirred the product in a bucket, with the use of a steel trowel, proceed by applying in a uniform manner the paste with a plasterer's trowel. To obtain the best results, we recommend applying two coats. The first coat should be used as a smoothing layer. Once dry, and before the support absorbs any humidity, apply the second coat which can then be finished with a sponge to obtain a rustic and aged effect.

Total thickness between 1 mm and 10 mm.

The advice and information 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.

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Application by machine

Various coats can be sprayed with suitable plastering equipment. The surface can then be worked on manually with a trowel.

Apply a layer of plaster on a sufficiently thick surface to absorb the fibre-glass mesh in **fibra di vetro 145 g/mq 4x4, 5 mm (ns cod. LM/1180)**, if necessary.

Protect the surface from the rain for the first 24-48 hours after application.

Wash equipment with water after use.

Warning

Do not apply on hot surfaces, on windy days, in direct sunlight or in winter.

Because it is a natural product, there may be variations in colour shade from one production batch to another. We therefore recommend using product from only one production batch.

The temperature of application should be between + 5°C and +35°C

Protect doors, windows, frames and in general all parts that should not be treated. Any splashes or drips should be immediately removed with water.

Do not add other materials to INTONACHINO 000.

Packaging and storage

Paper sacks of 25 kg.

Store in a cool dry place without the risk of freezing conditions. Avoid allowing the sacks to be in direct contact with sunlight for long periods of time. Once the protective polyethylene has been removed from the pallet, protect the sacks from the rain.

The product can be stored for 6 months if kept in the original unopened sacks.

Health and safety regulations

Ventilate during application.

Avoid contact with the skin and eyes. In the case of contact, wash immediately and abundantly with water.

Keep out of the reach of children.

Information regarding the toxic evaluation can be found in the safety sheet.

Disposal

Dispose of the product according to local health and safety regulations. Empty containers must be recycled.

Note

The packaging of our product conforms to the current norm (D.L. 626/94 , D.lgs. 81/2008 with successive amendments).

All cement products of DOLCI COLORI srl conform to the obligations required by the law D.M. 10/05/2004 and subsequent modifications and , where necessary, are treated with reducing agents suitable for keeping the level of hexavalent chromium below the levels indicated by law.

DOLCI COLORI srl reserves the right to make modifications to the present data sheet without prior warning.

Technical characteristics

Parameter	Unit of measurement	Value	Norm reference
Volume by mass (hardened paste)	Kg / m ³	~ 1350	

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Granulometry	mm	0 / 0,7	UNI EN 1015-1
Consumption (depending on the type of surface) - for smoothing	Kg / m ² / mm	1,5	
Recommended thickness : - smoother (with soaked mesh)	mm	1 ÷ 10	
Resistance to compression (28 gg) Category	N / mm ²	~ 3,5 CSII	UNI EN 1015-11
Adhesion	N / mm ²	~ 0,5	UNI EN 1015-12
Absorption of water Category	Kg /m ² x min 0,5 Cat.	< 0,4 W1	UNI EN 1015-18
Thermal conductivity (Ad)	W / m.K	0,41-0,48	UNI EN 1745
Coefficient of diffusion of water vapour (μ)	-	20	UNI EN 1015-19
Reaction to fire	Euroclass	A1	UNI EN 13501-1

The results above are obtained from laboratory tests (obtained at T=20°C ± 1°C e U.R.=65% ± 5%) and can differ from results obtained in working conditions owing to the different conditions of mixing and use, in particular for a higher level of water in the mixture than the indicated values.

Date : 27/09/19

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