

BioDECORFINE P300

LIME-PUTTY BASED HIGHLY TRANSPIRING AND WATER-REPELLENT PROTECTIVE AND DECORATIVE COATING FOR INTERIOR AND EXTERIOR FINISHES

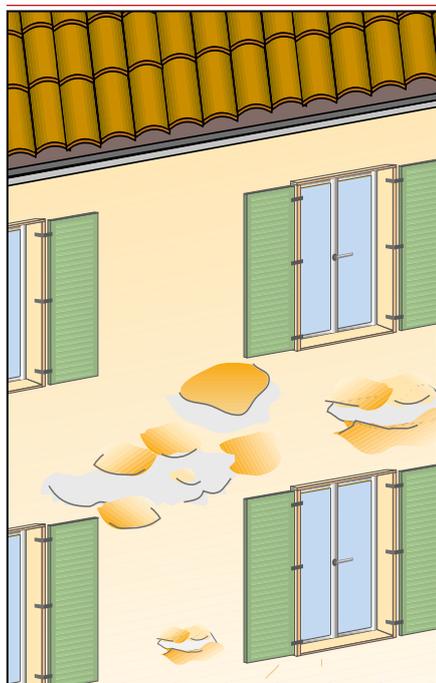
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CHARACTERISTICS		ENVIRONMENTAL		METHOD OF USE		PRECAUTIONS	
ALLOWS TO BREATHE	WATER BASED	ECO GREEN	RECYCLABLE	APPLY BY INOX SPATULA	STORAGE: KEEP AWAY FROM FROST		

PROBLEM

COATING AND DECORATING FACADES WITH BREATHABLE PRODUCTS IN ACCORDANCE WITH THE BIO-CONSTRUCTION RULES



SOLUTION

High breathability plasters need finishes which respect this important characteristic and allow easy and mineralogically compatible application. Finishes must respect older and more natural aesthetic solutions.

BioDECORFINE P300 is a decorative breathable coating in paste form, ready for use. The basic bonding agent is lime putty which makes it possible to achieve fine finishes thanks to its maximum particle size of 0.3 mm. The special formulation ensures maximum breathability to water vapour, combined with water resistance (meaning water repellence from only a few hours after application). **BioDECORFINE P300** coatings ensure excellent resistance to atmospheric agents. They are highly workable so they can also be used on large surface areas and guarantee excellent adhesion to various types of support. In particular, they guarantee that water vapour is taken outside hence allowing the wall to breathe in order to protect rooms from the problems caused by damp.



APPLICATION FIELDS

BioDECORFINE P300 coatings are particularly suitable as an aesthetic solution where the hygrometric balance of walls needs to be maintained with a highly transpiring coating and a natural appearance in terms of composition and colour.

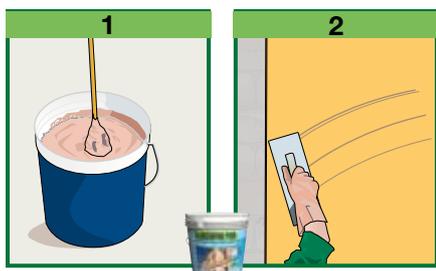
Thanks to the use of high-grade mineral pigments, they have a pleasing finish, which is likely to satisfy any aesthetic requirement both in restoring historic buildings and in new work. The "chiaroscuro" and glazing effects obtained by smoothing, thanks to the natural composition, give the finish a top quality appearance in historical settings.

ADVANTAGES

- High breathability.
- Mineralogical characteristics perfectly compatible with plaster.
- High workability and adhesion.
- Excellent water repellence.
- Natural colours for aesthetic solutions which respect historical settings.
- High resistance to aggressive atmospheric agents and UV rays.

METHOD OF USE

Substrates such as plaster and concrete surfaces must be cleaned free of release agents, flaking material, saline efflorescence and general dust and dirt.



Rendered surfaces should be trowelled and regular for easier application. In summer, surfaces should be wetted. Avoid working on walls exposed to sunlight during the hottest part of the day. If necessary, provide a coat of primer to make the base uniform.

• PREPARING THE MIX

BioDECORFINE P300 is ready for use. It only requires remixing to bring it back to working consistency (1).

• APPLICATION

Spreading is carried out with a stainless float, trowelling the mix to a uniform thickness (2).

BioDECORFINE P300 is applied in two coats and then finished with a sponge float or by

'edge trowelling' with a stainless float.

• COVERAGE

Coverage is about -2.5 kg/m².

• PRECAUTIONS

- Application temperature from +5°C to +35°C.
- Do not add other materials such as bonding agents, aggregates or additives.
- Wet the surfaces in high temperatures but do not wet the product after applying it.
- Avoid sudden temperature changes while the plaster is setting.

(See following)

TECHNICAL CHARACTERISTICS

	Standard	BioDECORFINE P300
Appearance		Paste
Colour		see 'LONG LIFE COLOURS' - INDEX colour swatch
Density	EN 2811-1	1.75 ± 0.10 kg/L
Storage in original packaging in a dry place		12 months
Product properties and workability		
Waiting time - for applying each coat over the previous one (*)		24 hours
Waiting time - drying in rain-free conditions (*)		5 hours
Waiting time - complete hardening (*)		24 hours
Application temperature		+5°C ÷ +35°C
Application		manual
Performance characteristics		
	Standards	Product performance
Class and type	EN 15824	
Permeability to aqueous vapour	EN 7783-2	Sd <0.1 m - class V1
Adhesion	EN 1542	≥0.3 N/mm ²
Water absorption	EN 1062-3	w<0.5 kg/m ² ·h ^{0.5} - class W2
Durability	EN 13687-3	≥0.3 MPa
Thermal conductivity λ _{10,dry}	EN 1745	0.54 W/mK (table A.12)
Water vapour diffusion resistance factor	DIN 52 615	μ = 13
Fire reaction	EN 13501-1	C
Hazardous substances	EN 15824	According note in ZA.1

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. **These parameters may vary based on the specific conditions of the worksite: temperature, humidity, ventilation, porosity of the substrate.**

(*) The stated times may be longer or shorter as the temperature decreases or increases.

Compliant with the general principles defined in **EN 15824** - Principles for evaluation of the use of products and systems.

(†) It's available in marked colours with "**P1-P2-D1-D2**" code.

(See previous)

- For applications on surfaces with different absorption properties, for example old patched up plaster, it is best to make the setting more uniform by applying a coat of PRIMER FIX.
- Protect from frost, from drying too quickly and from atmospheric precipitation in the natural setting period.
- Store in original closed packaging in a dry place. Protect against frost and high temperatures.

**see LONG LIFE COLOURS
colour swatch**



the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering

PACKAGING

25-kg Bucket

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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