



BioCALCECOLOR

IDROPITTURA TRASPIRANTE, ANTIMUFFA
A BASE DI CALCE IDRATA PER INTERNI

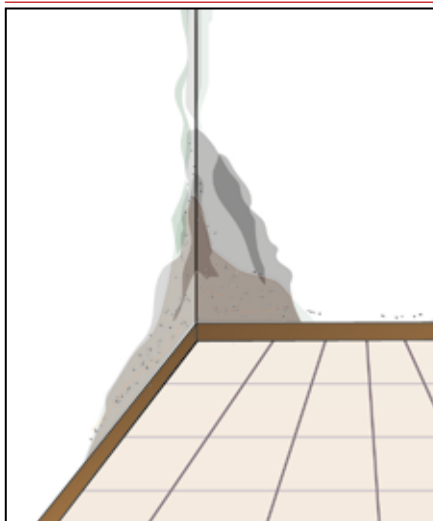
GRANTS *LEED* CREDITS



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

PROBLEM

MANTAIN WALL'S TRANSPIRABILITY USING TRANSPIRING PRODUCTS



SOLUTION

On damp-proof plaster in refurbished rooms or, in any case, in the presence of notable humidity in the walls, it is necessary to use a transpiring finish.

It is therefore necessary to pay particular attention to the choice of the paint to be used, which must meet the requirements of the highest level of vapour permeability (transpirability) and resistance to bacteria, fungi and moulds

BioCALCECOLOR is an environmentally friendly transpiring coloured water paint containing hydrated lime, micronized carbonate powders and inorganic pigments.

BioCALCECOLOR is immune to the attacks of bacteria and moulds and is therefore a healthy and economic product, ideal for every interior decorating job.

BioCALCECOLOR is an old fashioned material in a modern formula, the result of new technology with an optimal formulation both as regards the technical and applicative aspects of the product.

APPLICATION FIELDS

BioCALCECOLOR is used as a finishing paint in the restoration of interior rooms.

It is suitable as a finishing product for damp-proof renovation plasters such as POROVENT SYSTEM or DEUMISAN. It is also recommended in rooms subject to daily development of water vapour and therefore condensation problems, such as kitchens, bathrooms, laundry, etc. It is used in rural construction to disinfect rooms used for agricultural or residential use.

BioCALCECOLOR can also be applied outdoors considering the lower resistance of lime paints to aggressive atmospheric agents.

ADVANTAGES

- Highly transpiring when **BioCALCECOLOR** applied on highly transpiring supports.
- Immune to the attacks of bacteria and fungi.
- Choice product for restoration work.
- Atoxic.

METHOD OF USE

• SUBSTRATE PREPARATION

The plaster may be fresh or already aged. Any synthetic resin-based paints must be completely removed. The surfaces must be clean and free of dirt and dust.

Any holes, cracks or cavities in the plaster must be filled before painting.

• APPLICATION

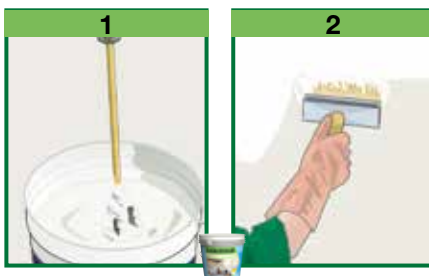
BioCALCECOLOR must be carefully mixed in the can before use (1).

The product can be applied using a brush with soft bristles in two crossing hands (2).

BioCALCECOLOR should be diluted with water (roughly 20%). The paint can also be finished off using a sponge to obtain a softer, more old fashioned finish.

• COVERAGE

The consumption depends on the type and porosity of the support. On smooth surfaces with average porosity a yield of 0.15 litres/m² per coat is expected (the total yield for two coats will be 0.30 litres/m²).



• PRECAUTIONS

- Keep the containers sealed before use.
- Mix the product thoroughly before use.
- Apply at temperatures between +5°C and +35°C. Do not apply in extremely hot and cold conditions.
- Do not apply in very damp conditions.
- After use, clean the tools with water and, if the product has dried, remove it with hot water.
- Not frost-proof, store at temperatures above +5 °C. Once the product has frozen, it can no longer be recovered.
- Keep the packages away from sunlight and heat sources.

TECHNICAL CHARACTERISTICS

	Standard	BioCALCECOLOR
Appearance		Paste
Colour		White
Density	EN 2811-1	1.47 ± 0.01 kg/L
Dry residue	UNI EN ISO 3251	77%
Water dilution ratio		20% ± 1%
Storage in original packaging in a dry place (keep away from frost)		12 months
Workability characteristics		
Thickness application		0.3 mm (in two coats)
pH mix		approx 13
Waiting time - till tack-free drying (*)		approx 2 ÷ 4 hours
Waiting time - for applying each coat over the previous one (*)		12 hours
Application temperature		+5°C ÷ +35°C
Application		manual
Performance characteristics		
	Standard	Product performance
Wet scrub resistance	EN 13300	Class 4 < 70 µm with 40 frictions
Covering power	EN 13300	Class 3 ≥ 95 and < 98 with 7 m²/l
Brightness	EN 13300	Class G₂ Semi-gloss < 60 G.U. and ≥ 10 G.U. 85°
The maximum size of the particles	EN 13300	Class S₁ fine ≤ 100 µm
Permeability to aqueous vapour	EN 7783-1	Sd < 0.10 m - class I
Water absorption	EN 1062-3	w < 0.30 kg/m²·h ^{0.5}
Thermal resistance - Working temperature	EN 1504-2	-30°C ÷ +90°C

Test conditions: temperature 23±2°C, R.H. 50±5% and air speed in the test area <0.2 m/s. **These figures may vary depending on the specific conditions of the worksite: temperature, humidity, ventilation, absorbency of the base coat.**

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

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

14-litres-Pail.

• 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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