GIOLLI SRL COLOR INDUSTRY
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GIOLLINA 183

BREATHABLE WATER-BASED PAINT

Breathable wall paint, easy to apply and good performance. Good coverage, whiteness, uniforming power and great permeability to water vapor make it the ideal product for general use or large interior surfaces that require high breathability.
Product with very low emissions, compliant with Indoor Air Quality A+. 100% Formaldehyde Free.
Compliant with the Minimum Environmental Criteria (CAM) DM 23/06/2022 for public buildings.

PHYSICAL-CHEMICAL CHARACTERISTICS		
FINAL LOOK	MATT; WHITE	
COMPOSITION	BASED ON EMULSION BINDERS	
SOLID CONTENT	68.0 ± 4.0 % w/w	UNI EN ISO 3251
VISCOSITY	27,000 + 3,000 cps (G6v20 at 20°c)	ASTM D2196
SPECIFIC WEIGHT	1.69 + 0.05 Kg/L	ISO 2811-1

CLASSIFICATION according to UNI EN 13300		
GRANULOMETRY	FINE < 100 µm	EN 21524
BRILLIANCE	MATT < 10 (85°)	ISO 2813

OTHER TECHNICAL FEATURES		
DIRT GRIP	AVERAGE: > 9 and ÿ 15 Delta L	UNI 10792
WATER VAPOR PERMEABILITY	CLASS I (High) > 150 g/ (m² × d)	ISO 7783-2

COV CONTENT
Matt paints for interior walls and ceilings EU limit value (DIR 2004/42/CE) for this product (cat. A/a): 30g/l VOC CONTENT ÿ 3 g/l

APPLICATION FEATURES		
DRYING (data referred to 20°C and 50% RH)	Dry to touch in 1 hour - for recoating: 4 hours	
PRACTICAL YIELD	7 - 9 m²/L per coat depending on the absorbency of the substrate	ISO 7254
DILUTION (by volume)	30-40% drinking water	
TOOLS	BRUSH - ROLLER - SPRAY	ISO 11998

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APPLICATION SUPPORTS

INTERNAL WALLS such as civil plaster, walls smoothed with stucco, plasterboard etc; appropriate preparation of the substrates is recommended

APPLICATION CONDITIONS: environment and support
Application temperature range: min. +5°C / max. +35°C. Relative humidity of ambient air: < 70%.
Media humidity: < 10 RH
It is recommended to evaluate the preparation and number of finishing coats based on the substrate and operating conditions.

APPLICATION CYCLE
PREPARATION OF THE SUPPORT

NEW SUBSTRATES: The substrate must be dry and properly seasoned. Clean the surface thoroughly, fill in any imperfections with GIOLLISTUCCO, sand and dust. Apply at least one coat of FIXO' (or ACRILFIX) appropriately diluted as per the relevant technical data sheet, until the substrate is completely uniform. Then proceed with the application of two or more layers of GIOLLINA until the desired aesthetic degree is achieved.

PREVIOUSLY PAINTED SUBSTRATES: The application surface must be dry, non-chalking and clean (without dirt, grease, etc.). In the case of previous chalking or insufficiently adherent paintwork, it is necessary to proceed with mechanical removal (e.g. sanding) and repair any imperfections with GIOLLISTUCCO. Apply at least one coat of FIXO' (or ACRILFIX) appropriately diluted as per the relevant technical data sheet, until the substrate is completely uniform. In the case of coherent and non-chalking surfaces, apply 1-2 coats of product directly. In the case of substrates with the presence of vital mould, it is necessary to proceed with sanitisation using GIOLLISANA SPRAY ANTIMUFFA and isolate the substrate using GIOLLIFIX SAN (follow the instructions given in the relevant technical data sheets). Then proceed with applying two or more layers of GIOLLINA until the desired aesthetic degree is achieved.

*Formaldehyde not intentionally added or not having quantitative dimension in instrumental detection

The technical indications given are based on our best experience, are indicative and do not constitute a guarantee of results.
The correct use of the products presupposes compliance with the general instructions for use reported in the technical data sheets and in any additional instructions for use. The application of the products falls under the exclusive responsibility of the customer as it occurs outside of our control.