

BISATEN OPACA

Rev. 13 of 01/19/2018 P. 1 of 2
Technical Data Sheet No. 1009080700

Denomination	BISATEN OPACA
Description	Anti-Mold, Sanitizing Water-Based Wall Paint
Main Characteristics	Anti-Mold and Anti-Algae High Resistance to Leaching Washability > 5000 Brush Strokes High Hiding and Masking Power Matte
Product Details	Anti-mold, washable and sanitizing water-based wall paint with specific aesthetic and protective features. It offers a very pleasant appearance after drying. Its special film preservatives provide protection from algae and fungus growth on walls. Its use is recommended in all environments where absolute hygiene is required, such as clinics, hospitals, communities, cooperative wine cellars and residential buildings, and offers a guarantee against any fungi and mold attack, especially in humid and poorly ventilated areas Product conforming to VAA Protocol (Food Environment Paints) test report No.21/2000 of Piacenza's Università Cattolica del Sacro Cuore, and HACCP (Hazard Analysis and Critical Control Points) Protocol No.323748 of Istituto Giordano.
VOC Classification (Directive 2004/42/EC)	Matt Paints for Internal Walls & Ceilings EU limit value for this product (cat. A/a): 30 g/l (2010) This product contains max. 30 g/l VOC
Surface Preparation & Application	NEW SUBSTRATES Apply a layer of BISATEN FIXATIVE diluted 1 ÷ 2 with water, after adequate preparation of the substrate. Wait at least 4 hours to recoat. Yeld: 14 m ² /liter. Apply a first layer of BISATEN OPACA water-based paint. Wait 6 hours to recoat. Apply a second layer of BISATEN OPACA water-based paint. CONTAMINATED SUBSTRATES Apply ready-to-use BISATEN DETERGENT directly on the surface with a brush; let the solution stand for 24-48 hours in order to have a full neutralization. Remove the inactive mold colonies vigorously with a brush . Apply a layer of BISATEN FIXATIVE diluted 1 ÷ 2 with water. Wait at least 4 hours to recoat. Apply a first layer of BISATEN OPACA water-based paint. Wait 6 hours to recoat. Apply a second layer of BISATEN OPACA water-based paint. UNCONTAMINATED PAINTED SUBSTRATES Remove any trace of old poorly anchored or peeling paint. Cover up any surface imperfections with a suitable quick-setting powder filler (STUCK 84) for cracks and deep holes, and with paste filler (SUPERMURALSTUCCO) for superficial defects and/or total fillings. Apply a layer of BISATEN FIXATIVE diluted 1 ÷ 2 with water. Repeat the application of BISATEN OPACA water-based paint as above.
Practical Advices	Room Temperature: Min. 41°F (+5°C) / Max. 95°F (+35°C) Relative Humidity: Min. 35% / Max. 85% Substrate Conditions: Dry
Available Sizes	White..... 13 liters - 5 liters - 2,5 liters Bases for "Eliocolor Performance" Tintometric System..... 13 liters - 4 liters - 1 liter
Storage	<ul style="list-style-type: none">• Keep container tightly closed in a dry, cool place.• Storage Temperature: up to 41°F (+5°C) / below 104°F (+40°C)• Shelf Life: 24 months under optimal temperature and RH conditions.
Safety Standards	Product labeled according to Regulation 1272/2008 (CLP). For further information, reference should be made to the related Material Safety Data Sheet. Empty containers or containers with slight film traces of dried residual product must be disposed of in accordance with local requirements.



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Rev. 13 of 01/19/2018 P. 2 of 2
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Technical Features	Method	Laboratory Data @ 20°C (68°F), 65% R.H.
Vehicle Type		Vinyl-Versatate
Density (during packaging)	UNI 8910 UNI EN ISO 2811-1	1,290 ÷ 1,330 grams/milliliter (Referred to White)
Viscosity Brookfield RVT at 20°C and 20 rpm	ASTM D 2196	7.500 ÷ 9.000 cps (Referred to White)
pH after Storage	UNI 8311	7,5
% Solids	UNI 8906	Weight: 57,9 % ± 0,5 (Referred to White) Volume: 41,6 % ± 0,5 (Referred to White)
Dry Film Total Thickness (Contrast Ratio: Hp ≥ 98)	ASTM D 1186 UNI EN ISO 2808	126 µm (microns)
Coverage		3,3 m²/l
Filmability at Low Temperature	UNI 10793	Good at + 5°C
Flash Point	UNI 8909	N/A
Color		White Integrated with four bases in the Eliocolor Performance tintometric system
Dilution (V/V) - Brush		1st Coat..... 50 % ÷ 2nd Coat..... 20%
Dilution (V/V) - Roller		1st Coat..... 40 % ÷ 2nd Coat..... 15%
Thin With		Water
Application Equipment		Brush; Roller
Dry to Touch		1 hour
Dry to Handle		5 ÷ 7 hours
Dry to Recoat		Min. 6 hours - Max. N/A
Applicability: Exteriors / Interiors		Yes / Yes
Tools Cleaning		Water
Dry Film Appearance: Classification Specular Gloss @ 85°	UNI 9389	Semi-Matte <30 - ≥ 10 gloss
Resistance to Washing: Classification N. of Brush Strokes		Excellent ≥ 5000
Water Vapor Permeability	UNI 9396	Classification: Medium Water Vapor Diffusion: < 100 to ≥ 60 g/m² . d (= in 24 hours)
Dirt Pick-Up	UNI 10792	Δ L --> > 3,0 - ≤ 9,0.....Low

Performance Classification according to European Legislation EN 13300

Fineness of Grind	UNI EN ISO 1524	Class.....Fine ≤ 100 µm (microns)
Specular Gloss @ 85° Reflectance	UNI EN ISO 2813	Class.....Semi-Matte < 60 and ≥ 10

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Washability Wet Scrub Resistance 200 Cycles	UNI EN ISO 11998	Class 1 < 5 µm (microns) after 200 cycles
Contrast Ratio Hiding Power	UNI EN ISO 6504-3	Class 3 ≥ 95 and < 98
Kubelka-Munk Yield	UNI EN ISO 6504-1	6 m²/l