

BISATEN ANTICONDENSA

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Technical Data Sheet No. 2803072010

Denomination BISATEN ANTICONDENSA

Description Anti-Mold, Sanitizing Water-Based Wall Paint

Main Characteristics Anti-Mold and Anti-Algae / Anti-Condensation / Heat Insulating / High Filling Power / Matte

Product Details Special anti-mold and anti-condensation coating. It creates a finish with the property of preventing condensation dripping due to excess moisture absorption. It can be used in ceilings and walls, in particular environments such as bathrooms, kitchens, breweries, ovens, wine industries, food packaging industries, dairies, indoor pools, etc.
In order to optimize the anti-mold and anti-condensation effect, it is recommended to apply three coats of BISATEN DETERGENT and BISATEN FIXATIVE after the immunization treatment.
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. Yield: 14 m²/liter. Apply a first coat of BISATEN ANTICONDENSA, after carefully mixing the product inside its original container, as it could be very structured due to the hollow microspheres of the paint. Wait at least 12 hours and repeat the step two more times until a dry thickness of at least 257 µm (microns) is obtained. This thickness will be sufficient to develop the anti-condensation characteristics.

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. Yield: 14 m²/liter. Apply a first coat of BISATEN ANTICONDENSA, after carefully mixing the product inside its original container, as it could be very structured due to the hollow microspheres of the paint. Wait at least 12 hours and repeat the step two more times until a dry thickness of at least 257 µm (microns) is obtained. This thickness will be sufficient to develop the anti-condensation characteristics..

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.

Repeat the application of BISATEN ANTICONDENSA 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 - 4 liters

Storage

- 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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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	0,840 ÷ 0,860 grams/milliliter
Viscosity Brookfield RVT at 20°C and 20 rpm	ASTM D 2196	2.500 ÷ 5.000 cps
pH after Storage	UNI 8311	8,5
% Solids	UNI 8906	By Weight: 44,6 % ± 1 By Volume: 52,1 % ± 1
Dry Film Total Thickness (Contrast Ratio: Hp ≥ 98)	ASTM D 1186 UNI EN ISO 2808	257 µm (microns)
Coverage		2,0 m²/liter
Filmability at Low Temperature	UNI 10793	Good at + 5°C
Flash Point	UNI 8909	N/A
Color		White
Dilution (V/V) - Brush		Ready-to-Use
Dilution (V/V) - Roller		Ready-to-Use
Thin With		Water
Application Equipment		Brush; Roller
Dry to Touch		3 ÷ 4 hours
Dry to Handle		24 ÷ 36 hours
Dry to Recoat		Min. 12 hours – Max. N/A
Applicability: Exteriors / Interiors		No / Yes
Tools Cleaning		Water
Dry Film Appearance: Classification Specular Gloss @ 85°	UNI 9389	Very Matte < 5 gloss
Resistance to Washing: Classification N. of Brush Strokes	UNI 10560	Suitable for applications that do not require resistance to washing < 1000
Thermal Conductivity	UNI 9396	λ (Lambda).....0,123 W/m.K
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 ≤ 300 µm
Specular gloss 85° Reflectance	UNI EN ISO 2813	Class.....Very Matte < 5
Washability Wet Scrub Resistance 200 Cycles	UNI EN ISO 11998	Class 5 ≥ 70 µm (microns) after 40 cycles



Contrast Ratio Hiding Power	UNI EN ISO 6504-3	Class 2 ≥ 98 and < 99,5
Kubelka-Munk Yield	UNI EN ISO 6504-1	2 m ² /liter
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