

# TECHNICAL DATA SHEET

## BIOCLEAN ACTIVE

Self-cleaning, anti-mould, hygienic photocatalytic water paint for interiors

<b>DESCRIPTION</b>	<p>BIOCLEAN ACTIVE is an interior paint that converts pollutants and bad odours into harmless substances through photocatalytic action. With the photocatalysis process, special titanium dioxide particles are activated under the action of direct and indirect sunlight, destroying organic pollutants and eliminating bad odours, bacteria, smoke, etc. The photocatalytic action provides the film with good resistance to the aggression of moulds, helping to keep the treated surface unaltered for a long time.</p> <p>BIOCLEAN ACTIVE is a low environmental impact paint with reduced pollution, formulated with near-zero emissions so as to preserve the well-being of users and people living in the environment.</p>
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<b>COMPOSITION</b>	APEO free product formulated with resins based on vinyl acetate / acrylate in aqueous dispersion selected aggregates and nanoparticulate titanium dioxide with photocatalytic effect.
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<b>APPLY</b>	The product is applied by brush, roller or spray on adequately prepared substrate. When spraying make sure the surface is dust-free and avoid excessive atomization of the product by regulating the pressure, nozzle and thinning so as to ensure that the paint wet the surface properly.
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PROPERTIES OF DRIED FILM	CLASSIFICATION EN 13300	METHOD	VALUE
<b>Solids by weight</b>		Internal PF25	65-69%
<b>Coverage power</b>	2 (10m <sup>2</sup> /l)	UNI EN ISO 6504-3	≥98 e <99.5
<b>Resistance to dirt</b>	Low	UNI 10792	ΔL > 3 e ≤ 9
<b>Resistance to wet brushing</b>	3	UNI EN ISO 11998	L <sub>dft</sub> ≥ 20 e < 70
<b>Gloss level</b>	Matt	UNI EN ISO 2813	Gloss < 10
<b>Drying</b>		Internal PF2	Overcoatable: 4-6h Complete: 5 days
<b>Coverage</b>		Internal PF11	≥ 98

SPECIFICATION DATA	CLASSIFICATION EN 13300	METHOD	VALUE
<b>Specific weight</b>		Internal PF3	1550 -1650 g/l

<b>SHELF LIFE</b>	1 year minimum, stored in its unopened and original cans at temperatures between +5°C and +30°C.
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<b>COLOURS</b>	White.
<b>TYPICAL USE</b>	BIOCLEAN ACTIVE, thanks to its purifying action, is suitable both for decorating private and public interiors such as offices, restaurants, bars, schools where high attendance and difficult air exchange make poor air quality.
<b>TOOLS</b>	Roller, Brush, Airless spray
<b>THINNING</b>	Roller, Brush: 20-35% with water in volume. Airless spray: 0-10% with water in volume. Clean tools with water.
<b>COVERAGE</b>	9-11 m <sup>2</sup> /l per coat
<b>APPLY</b>	+5 °C +30 °C
<b>COATING SYSTEM</b>	<p><b>Cement-based plaster, gauged mortar and hydraulic lime, concrete, precast concrete new and old mold-free washable paint</b></p> <ol style="list-style-type: none"> <li>1. Remove traces of dust, stop up any imperfections with Stucco Light</li> <li>2. Apply one coat of BIOCLEAN ACTIVE</li> <li>3. After 4-6 hours, apply a coat of BIOCLEAN ACTIVE</li> </ol> <p><b>Plaster skims, tempera paint and other highly absorbent substrates</b></p> <ol style="list-style-type: none"> <li>1. Remove traces of dust, stop up any imperfections with Stucco Light.</li> <li>2. Apply the first layer of BIOCLEAN ACTIVE with brush or roller avoiding the spray application and diluting the product to 70% -100% by volume with water.</li> <li>3. After 4-6 hours, apply a second coat of BIOCLEAN ACTIVE</li> </ol>
<b>SPECIFICATION ITEM</b>	Water-based paint for interiors with photocatalytic effect of reducing substances and pollutants odor, matt appearance, with wet abrasion resistance class 3 (EN 13300), covering power class 2 to apply and with an average consumption of 200 ml/m <sup>2</sup> .
<b>INSTRUCTIONS</b>	<p>To carry out the work in a workmanlike fashion, it is of fundamental importance to follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books and in the product data sheet. This technical information is intended as a rough guide. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and its effectiveness by testing on the specific case. The specification data and technical information have been calculated at +23 °C with relative ambient humidity of 65%.</p> <p>In different conditions the data and the time intervals between one operation and the next may vary.</p>