



Code 0.232

**over satinato**

Water based satiny enamel for exteriors

**GENERAL PROPERTIES**

OVER SATINATO is a professional water dilutable enamel based on particular polyurethane polymers which lend a lacquer effect with an excellent scratch/abrasion resistance. The remarkable blocking resistance makes OVER SATINATO the perfect paint for door/window frames. The good greasy-dirt resistance results in a product that can be cleaned with common alcohol free detergents. The good resistance to atmospheric agents guarantee an exceptional durability whether in or outdoors (guaranteed by the remarkable adhesion & elasticity). The prolonged open time makes OVER SATINATO easy to apply and the originating film has a good body, optimal flow and does not yellow.

OVER SATINATO is ideal for the protection of wooden & iron substrates and guarantees a prestigious finish both in & outdoor.

OVER SATINATO is non-flammable and free of unpleasant odours therefore, ideal for poorly aired rooms & public premises.

The Class A+ classification guarantees the highest standards to reduce the content of volatile substances considered harmful for health/ environment:

CLASS OF EMISSION	C	B	A	A+
Formaldehyde	> 120 $\mu\text{g}^*\text{m}^3$	< 120 $\mu\text{g}^*\text{m}^3$	< 60 $\mu\text{g}^*\text{m}^3$	< 10 $\mu\text{g}^*\text{m}^3$
Acetaldehyde	> 400	< 400	< 300	< 200
Toluene	> 600	< 600	< 450	< 300
Tetrachlorethylene	> 500	< 500	< 350	< 250
Xylene	> 400	< 400	< 300	< 200
1,2,4-Triethylbenzene	> 2000	< 2000	< 1500	< 1000
1,4-Dichlorobenzene	> 120	< 120	< 90	< 60
Ethylbenzene	> 1500	< 1500	< 1000	< 750
2-Butoxyethanol	> 2000	< 2000	< 1500	< 1000
Styrene	> 500	< 500	< 350	< 250
Total VOC	> 2000	< 2000	< 1500	< 1000

OVER SATINATO complies with the limits set forth in the French Decree N° 321/2011 dated 23.03.2011 & Order of 19.04.2011 (Class A+) based on emission after 28 days.

**INSTRUCTIONS****Surface preparation:**

- Bare exterior woodwork: stucco any imperfections (knots, joints, nail-holes, etc.) with a synthetic stucco filling as required. Allow 24 hours, sand repair areas, clean & apply two coats of TEMA PITTURA OPACA RIEMPITIVA DI FONDO. Allow 5-6 hours & apply two layers of OVER SATINATO.

- Bare interior woodwork: stucco any imperfections with LITOSTUCCO filling as required. Allow 6 hrs, sand, clean & apply two layers of TEMA PITTURA OPACA RIEMPITIVA DI FONDO. Allow 6 hrs, sand with fine sandpaper, clean thoroughly & apply two hands of OVER SATINATO.
- Painted woodwork: degrease with ordinary detergents, rinse, stucco any imperfections & sand the whole surface with fine sandpaper. Clean thoroughly & apply two layers of OVER SATINATO.
- Bare iron surfaces: degrease with Diluente ARD 0.972.0042. Remove any flaking lamination & rust with a wire brush or emery cloth. Clean thoroughly & apply two layers of OVER ANTIRUGGINE. Allow at least 24 hrs & apply the finishes.
- Unsound painted ironwork: remove rust & unsound paintwork. Sand the whole surface, clean thoroughly & treat corrosion with one or two layers of OVER ANTIRUGGINE. Allow 24 hours before applying two hands of OVER SATINATO.
- PVC surfaces: clean accurately, degrease with Diluente ARD 0.972.0042 & apply two hands of OVER SATINATO.

### Application

Roller application of OVER SATINATO offers the best results. Apply according to the following:

- Roller: dilute at 5% in water volume & apply in a uniform fashion with a short bristled brush.
- Brush: stir well & apply neat. If necessary, dilute at 5-10% in water volume. Allow at least 24hrs between layers and sand delicately.
- Air-spray gun: thin at 15-20% in water volume until roughly 80 DIN/sec viscosity (DIN cup # 4 at 20°C) and apply using 1,5-1,9 mm Ø nozzles - pressure around 3 kg/cm<sup>2</sup>. Allow at least 24 hours between each layer.
- Do not apply at ambient or substrate temperature below +5°C or above +35°C. Avoid applying in direct sunlight. After application, exteriors must be protected from rain until perfectly dry, normally after approx. 48 hours at 20°C.
- Store the product in cool, frost free premises.
- Wash equipment immediately after use with water. Use in compliance with current Health & Safety Regulations. Do not release the containers into the environment. Refer to the PSDS for further information.
- OVER SATINATO is one of the 16COLOURS & WIZARD tinting systems' products.

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### TECHNICAL PROPERTIES

SPECIFIC WEIGHT	<b>1290 ± 50 g/l</b>	
VISCOSITY AT 20 °C	<b>2600 ± 400 cP</b>	
NATURE OF BINDER	<b>polyurethane polymers</b>	
GLOSS LEVEL (GARDNER GLOSSMETER AT 60°)	<b>20±5</b>	
DRYING AT 20 °C	DUST FREE	<b>1 h</b>
	TOUCH DRY	<b>3 h</b>
	THROUGH DRYING	<b>24 h</b>

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**YIELD**

2 brush/roller coats (required for a good result) imply a minimum dry film thickness of 50 microns. Said thickness, if applied correctly & without wastage implies a yield of 7,5 m<sup>2</sup>/l.

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**TENDER  
SPECIFICATION ITEM**

WATER DILUTABLE SCRATCH RESISTANT ODOURLESS  
SATINY ENAMEL

Application on treated iron or wooden surfaces of two coats of a water-dilutable scratch resistant odourless satiny enamel based on polyurethane polymers in aqueous dispersion & lightfast, outdoor-resistant pigments like OVER SATINATO with a minimum consumption of 0.14 l/m<sup>2</sup>.

€/m<sup>2</sup>

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The data herein were correct at the time of Quality Control and refer to standardized environmental conditions. The same are to be considered as a guide.  
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