

ECO W 507 SATIN

Waterborne varnish for wooden floors

DESCRIPTION

Transparent, ideal for all kinds of wood used for flooring. Easy to apply, ideal for professional use as it is extremely compatible and has excellent adhesion properties, filling and coating powers on various kinds of wood. Guarantees a finish, distinguished by aesthetic uniformity and extraordinary mechanical resistance.

Thanks to its high quality, effective aesthetic and technical solutions are obtainable for various painting requirements offering an excellent level of finishing and maximum protection and resistance in exterior environments, even in severe exposure conditions; elements indispensable for the duration of the applications, and useful for protecting the structure over time.

The properties of this film, which include elasticity, scratch resistance and wear resistance, ensure that it maintains its appearance while remaining stable and also able to withstand attacks from the chemical elements contained in drinks and commercial detergents.

Formulated with polyurethane resins in aqueous dispersion, it guarantees good penetration of the wood pores with minimum swelling of the wood fibre so that it can be used directly on the wood. It can either be used as a single component or catalysed with *Idrocat 10* in order to improve resistance to abrasion and to stains and "rubber" marks on wooden floors used for sports events.

Being odourless, it is particularly suitable for poorly ventilated areas. It is formulated with raw materials selected for their low environmental impact, guaranteeing reduced pollution and minimum emissions, so as to preserve the well-being and safety of its users and of those living in the environment.

PROPERTY OF THE PRODUCT

		Method
Elasticity	Excellent	
Resistance to washing with detergents	Good	
Resistance to food grade liquids	Excellent	
Resistance to rubber marks (two components)	Good	
Scrub resistance	Excellent	
Mixing proportions	100 <i>Eco W 507 Satin</i> : 10 <i>Idrocat 10</i> by volume.	
Drying time	Sandable 6h; Fully 6h; Light foot traffic 5-6 days	Interior PF2
Solid by weight	24-28 %	Interior PF25

SPECIFICATION DATA

Specific weight	<i>Eco W 507 Satin</i> : 1000-1100 g/l <i>Idrocat 10</i> : 1040-1140 g/l	Interior PF3
Gloss Level	20-30	Interior PF6
Pot life	Minimun 6h	Interior PF7
Drying time	Recoatable 2-3h	Interior PF2

COLOR RANGE

Colourless.

TYPICAL USE

On substrates made of wood and derivatives used for flooring (parquet, platforms, boarding etc.) installed indoors.

If the product has been stored at low temperatures, allow it to reach a

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temperature of at least +15 °C before applying.

During application and drying time, the temperature should be higher than +15°C and the humidity of the air lower than 65%; it is important for the environment to be well-ventilated in order to facilitate water evaporation. Remember that applying thicker coats of paint than those indicated or different environmental conditions can cause a lengthening of the indicated drying times, as the evaporation of the water slows down.

The film reaches its maximum hardness, and hence its greatest resistance to abrasion, after 4-5 days.

TOOLS

Brush, Roller.

THINNING

Ready to use.

COVERAGE

11-13 m²/l per coat.

APPLY

+15°C +30°C

COATING SYSTEM**Various types of wooden floors**

- 1.1. Finish off the sandpapering of the wood using 120 grit abrasive paper.
- 1.2. Stop up any imperfections by mixing the dust collected from the sandpapering with *Eco W507 Satin*
- 1.3. After 5-8h, sandpaper with 150 grit abrasive paper and apply a coat of *Eco W507 Satin* at a consumption rate of 80-90 ml/m².
- 1.4. After 2-3h apply a second coat of *Eco W 507 Satin* at a consumption rate of 80-90 ml/m².
- 1.5. After 12-16h, sandpaper with 220-250 grit abrasive paper and apply a third coat of *Eco W 507 Satin* at a consumption rate of 80-90 ml/m².

To guarantee greater resistance to abrasion and to liquids *Eco W507 Satin* should be used with *Idrocat 10*.

**SPECIFICATION
ITEM**

Transparent polyurethane paint in aqueous dispersion with a solid residue of 26%, ideal for painting wood, resistant to abrasion, to washing with detergents, to food liquids and rubber marks, used at a consumption rate of 255 ml/m² for the coating of wooden floors.

INSTRUCTIONS

To carry out the work in a proper way, it is needed to strictly follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books. 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 test the effectiveness on a sample. The specification data and technical information have been calculated at +23°C with relative ambient humidity of 65%. In different conditions the data and the time intervals between the two phases of the above reported coating system can vary.