

DESCRIPTION

Waterbased alkyd impregnating product for wood, supplemented with con biocides that guarantee resistance to mould and insects, for interior and exterior, highly penetrating with a finish that enhances the wood grain. Available in transparent colours obtained from micronized mineral pigments with high resistance to light which give the wooden structures treated an even colour and protection against the deterioration caused by the UV rays and atmospheric agents, elements indispensable for the duration of the applications, and useful for protecting the structure over time.

Its excellent quality guarantees good saturation of the wood pores with minimum swelling of the wood fibre and even and uniform distribution of the colour, so as to create a substrate that guarantees good adhesion of the finishing coats and uniform covering of the film with excellent aesthetic results both in professional and in do-it-yourself applications, as it is easy to apply with both manual or mechanical tools. For maximum protection in exterior environments, in severe conditions of exposure to atmospheric agents and sunlight, the product must be recoated with suitable finishes.

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

Tested and complying according to the following norms:

EN46-1: wood preservatives; determination of preventive action against *Hylotrupes bajulus* (Linnaeus) larvae of recent hatching; part 1, larvicide effect.

EN113: wood preservatives; testing method to determine the protective action against xylophage basidiomycets fungi; determination of threshold of effectiveness.

EN 152: wood preservatives; determination of preventive action of a protective system for wood against blue stain; laboratory method.

COMPOSITION

Product based on synthetic resins and transparent iron oxides resistant to light.

PROPERTY OF THE PRODUCT

		Method
UV RESISTANCE	OUTSTANDING	
PROTECTION AGAINST MOLD	OUTSTANDING	
PROTECTION AGAINST INSECTS	OUTSTANDING	
TINT UNIFORMITY	OUTSTANDING	
SOLIDS CONTENT BY WEIGHT	6-9%;	interior PF25

SPECIFICATION DATA

		Method
SPECIFIC WEIGHT	1000-1100 g/l	interior PF3
DRYING TIMES	Full 4-6h	interior PF2

SHELF LIFE

1 year minimum, stored in its unopened and original cans at temperatures between +5°C and +30°C.

COLOUR RANGE

As specific colour chart. We recommend checking the tint with preliminary tests before application, because the colour of each type of wood produces a different final shade. The colour could vary slightly from one production batch to the next; it is therefore important to finish the job with the same batch.

Wood impregnating anti-mold anti-woodworm

TYPICAL USE

Preliminary application in 2-3 coats on on raw surfaces of various types of wood, NOT IN DIRECT CONTACT WITH GROUND OR WATER, to assure protection against the attack of molds or insects, in the semi-transparent coloured painting system with waterbased acrylic finishing such as windows in general, wood panelling, beams and other structures of wood carpentry.

it is characterised by good flowability and elasticity which facilitate application, especially with flow-coating, impregnating and dipping systems.

If the product has been stored at low temperatures, allow it to reach a temperature of at least +15 °C before applying.

During application and drying time, the temperature should be higher than +10°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.

Drying can be done at ambient temperature or with a hot air tunnel (35° to 50°C), in which case brushing may be carried out after 3-5 hours, allowing a reduction in work times.

Clean the tools with hot water.

TOOLS

Brush, Spray, Immersion, Impregnating, Flow-coating.

THINNING

Ready to use

COVERAGE

To assure anti-mold effect (bluing and fungus) and anti-insects effect:

softwood: 8,3 m²/l (consumption 120 ml/m² in two-three coats)

hardwood: 6,5 m²/l (consumption 155 ml/m² in two-three coats)

APPLY

+10°C +30°C

COATING SYSTEM

Protection of windows, beams, bugles, professional painting

System 1

1.1 Sand the wood with 180- 220 grit paper; apply *Classic W CAP* in the colour selected and in the quantity provided in 2-3 coats waiting 4-6 hours between one layer and another.

1.2 After 4-6h brush or sandpaper with 240-280 grit paper and apply a coat of *Ecoplast W300 Tix AC* with a thickness equal to 220-250 wet µm.

System 2

2.1 Sand the wood with 180- 220 grit paper; apply *Classic W CAP* in the colour selected and with the quantity provided in 2-3 coats waiting 4-6 hours between one layer and another.

2.2 After 4-6h apply a coat of *Ecoplast W300 tix AC* or *Ecoplast F20 Incolore*, with a thickness equal to 100-120 wet µm;

2.3 After 6-8 h brush or sandpaper with 240-280 grit paper and apply a coat of *Ecoplast W300 Tix AC* with a thickness equal to 220-250 wet µm.

Protection of windows, beams, bugles, DIY painting

3.1 Sand the wood with 180- 220 grit paper; apply *Classic W CAP* in the colour selected and with the quantity provided in 2-3 coats waiting 4-6 hours between one layer and another.

3.2 After 4-6h apply one coat of *Special W Matt* with a thickness equal to 130-150 wet µm;

3.3 After 8-12h brush or sandpaper with 240-280 grit paper and apply a coat of *Special W Matt* with a thickness equal to 130-150 wet µm.

Maintenance

4.1 Thoroughly clean the surface from dirt and dust and loose material, then sand with 180-220 grit sandpaper;

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- 4.2 Apply *Ecoplast W300 Tix AC* as points 1.2 or 2.3 or *Special W Matt* as points 3.2/3.3.
- 4.3 If the artifact is in bad conditions, sand the varnish until reaching wood and treat as new structure.

Lacquering

- 5.1 Sand the wood with 180- 220 grit paper; apply *Classic W CAP 070 incolore* in the quantity provided in 2-3 coats waiting 4-6 hours between one layer and another.
- 5.2 Apply one coat of *Classic W Bianco CAP*
- 5.3 After 4-6 h apply one coat of *Ecoplast F20 Pigmentato* with a thickness equal to 100-120 wet μm .
- 5.4 After 6-8 h brush or sandpaper with 240-280 grit paper and apply *Ecoplast 1000 Satinato* with a thickness equal to 1250-300 wet μm .

Maintenance

- 6.1 Thoroughly clean the surface from dirt and dust and apply *Ecoplast 1000 Satinato* as point 5.4.
- 6.2 If the artifact is in bad conditions, sand the varnish until reaching wood and treat as new structure.

**SPECIFICATION
ITEM**

Waterbased alkyd impregnating anti-mold anti-woodworm for wood, which assures protection against fungi attacks (bluing and fungus) and against insects; resistant to UV, with a solid residue of 6-9% used with an average consumption of 120 ml/m²(softwood) or 155 ml/m² (hardwood).

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. 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. 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.