

## DESCRIPTION

Product for the surface impregnation of wood, for interiors and exteriors, 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. Water-based product formulated with alkyd resins in aqueous dispersion and fungicides that guarantee resistance to mould and excellent resistance to UV rays; 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.

## COMPOSITION

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

## PERFORMANCE DATA

UV RESISTANCE	EXCELLENT
UNIFORMITY OF COLOUR	EXCELLENT
MOULD RESISTANCE	GOOD
SPECIFIC WEIGHT	Colourless and coloured: 975-1025 g/l White: 1150-1250 g/l
DRYING TIMES	Dry to touch 4-6h; Complete 8h
SOLIDS BY WEIGHT	Colourless and coloured: 6-8%; White: 46-50%

## SHELF LIFE

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

## COLOUR RANGE

As shown in the sample. It is advisable to check the colour with preliminary tests before application, because the original colour of each type of wood produces a different final shade. Darker shades give greater protection from UV. The colour between different productions may be slightly different, it is therefore important to finish the job with the same batch.

The white colour is applied in two or more layers to prevent that the yellowing of the wood in time changes the final colour.

## TYPICAL USE

As an undercoat on raw surfaces of various types of wood, during the semi-transparent coloured paint cycle with water-based acrylic finish on structures such as doors and windows in general, matchboarding, beams and other wooded structural elements. It is characterized by good coverage and flowability which facilitate application, especially with flow-coating, and dipping systems.

If the product has been stored at low temperatures, allow it to reach a temperature of at least +10°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.

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 water.

**TOOLS** Brush, Spray, Dipping, Flow-coating.

**THINNING** Ready to use.

**COVERAGE** 11-13 m<sup>2</sup>/l per coat.

**APPLY** +5°C +30°C

**COATING SYSTEM** Protection of windows, beams, bugles

- 1.1 Sandpaper the wood with 180-220 grit sandpaper; and apply a layer of *Classic W* in the desired colour.
- 1.2 After 4-6h apply a layer of *Special W Matt* to obtain a thickness equal to 130-150µm wet;
- 1.3 After 8-12h brush away or sandpaper with 240-280 grit sandpaper and apply a layer of *Special W Matt* to obtain a thickness equal to 130-150 µm wet.

**Maintenance**

- A. accurately clean the surface from dirt and dust and sandpaper the wood with 180-220 grit sandpaper;
  - B. Apply *Special W Matt* as reported on the above point 2.2
- If the artefact is in poor condition, sandpaper down to the wood and start again from step 2.1

**Lacquering**

- 2.1 Sand the wood with 180-220 grit paper and apply a coat of *Classic W Bianco*.
  - 2.2 After 4-6 hours, apply a coat of *Ecoplast F20 Pigmentato* with a thickness equal to 100-120 wet µm.
  - 2.3 After 6-8 hours brush or sandpaper with 240-280 grit paper and apply *Ecoplast 1000 Satinato* with a thickness equal to 250-300 wet µm.
- In maintenance, thoroughly clean the surface from dirt and dust, and apply *Ecoplast 1000 Satinato* as point 3.2, with a thickness equal to 160-180 250-300 wet µm. If the artifact is in bad conditions, sand to the wood and start from step 2.1.

**SPECIFICATION ITEM**

Acrylic water-based woodstain, UV resistant, with a solid residue of 12%, used with an average consumption of 85 ml/m<sup>2</sup>

**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.

PRODUCT DATA SHEET

## **CLASSIC W**

Waterborne protective woodstain

