

Nature Range



Product Description

CEDRIA NATURE BARNIZ ECOLÓGICO contains components derived from plant products in perfect harmony with nature. It produces very low emissions of VOC (volatile organic components). Based on formaldehyde-free urethane acrylic resins.

Properties

- Free of toxic aromatic compounds derived from petroleum.
- BIO BASED: Formulated with a superior content of 75% of renewable components and non-petroleum derivatives.
- Great elasticity that provides extraordinary duration
- High resistance to wear and tear
- Look and feel of natural wood.
- Non yellowing
- Quick drying.
- Odourless
- Easy maintenance
- Accredited with ECOLABEL and Air Quality A+ certification

Recommended Uses

Suitable for varnishing all types of wood indoors and/or outdoors under roof

Technical Characteristics

Resin	Acrylic urethane with ingredients of biological origin
Colour	Colourless
Finish	Semi-matte
Odour	Odourless
Viscosity	Brookfield 1800 – 2200 mPa.s (L3, 50 25°C)
Density (20°C)	1,06 kg/l
Solvent Type	Water
VOC	It contains 10,57 g/l. – Limit value 2004/42/CE-IIA cat e) is VOC máx. 130 g/l (2010)
Drying	Touch: 30-60 minutes. Repainting: 2 hours
Application Conditions	Maximum Relative Humidity 65% Temperature between 5° and 35°
Storage	Conserve inside at temperatures between 5°C and 35°C
Container sizes	250ml and 750ml
Utensils and Cleaning	Brush, Roller or Spray-gun. Clean with water
Coverage per layer	5-6 m ² /l depending on state of surface and wood type

Safety

- All current legislation must be followed in the case of storage and handling.
- Storage Life: 2 years in sealed containers and at storage conditions as recommended in the Technical Characteristics section.
- Prevent the product or product residues coming into contact with water courses regardless of the formulation of the product.
Remember: the care and protection of the environment is the legacy for our future generations.
- Keep out of the reach of children.

Quality Guarantee

CEDRIA products have been developed, manufactured and sold under the most rigorous quality standards. These recommendations are made in accordance with the current state of our knowledge and provide general information about the application and use of the products. Given the variety of substrates, uses and application techniques, the purchaser/user remains responsible for checking the materials, their application and the final result. For this reason, the purchaser/user is advised to test the product prior to the final application.

Application and Preparation of the wood

It is essential to prepare the wood properly before applying the varnish:

1. The wood should be dry (with less than 18-20% humidity).
2. The wood should be free from dust, grease, wax, residues and other substances.
3. Before applying the varnish, it is recommended to sand the wood with P120 sandpaper in the direction of the grain to open up the pores and improve adhesion.
4. Product is ready to use (Only when using a spray-gun, if necessary, dilute with 5% water, preferably distilled).
5. Stir (do not shake) the product vigorously with a spatula before using.

New Wood

Softwoods – Pine, fir, ...

- **It is essential to prepare the wood before applying the varnish. See the section on application and preparation of wood.**
- In addition, for insecticidal treatment apply 1 coat of CEDRIA PRIMER*1 before varnishing.
- Optionally, and for an optimum finish, seal the wood with CEDRIA TAPAPOROS*1, after drying, clean and remove any sanding dust before applying the chosen varnish.
- Apply 2 coats of CEDRIA NATURE BARNIZ ECOLÓGICO. Usage 180 g/m² per coat. Drying time between coats 2 hours. The wood can be sanded between layers, removing the resulting dust to improve the finish.

Hardwoods - Chestnut and Oak rich in tannins.

- **It is essential to prepare the wood before applying the varnish. See the section on application and preparation of wood.**
- Apply 1 coat of CEDRIA FONDO BLOQUEA TANINOS*1 to prevent black stains caused by the tannins.
- Optionally, and for an optimum finish, seal the wood with CEDRIA TAPAPOROS*1, after drying, clean and remove any sanding dust before applying the chosen varnish.
- Apply 2 coats of CEDRIA NATURE BARNIZ ECOLÓGICO. Usage 180 g/m² per coat. Drying time between coats 2 hours. The wood can be sanded between layers, removing the resulting dust to improve the finish.

Wood that is worn or in a poor state

- **It is essential to prepare the wood before applying the varnish. See the section on application and preparation of wood.**
- Remove traces of previous products before sanding the wood in the direction of the grain (see the section on preparation of the wood) or stripping the wood with CEDRIA DECAPANTE*1.
- Apply 2 coats of CEDRIA NATURE BARNIZ ECOLÓGICO. Usage 180 g/m² per coat. Drying time between coats 2 hours. The wood can be sanded between layers, removing the resulting dust to improve the finish.

Maintenance

To be followed when the colour loses brightness or has faded due to erosion.

- It will be enough to gently sand the wood in the direction of the grain (see wood preparation)
- Apply 1-2 coats of CEDRIA NATURE BARNIZ ECOLÓGICO. Usage 180 g/m² per coat. Drying time between coats 2 hours. The wood can be sanded between layers, removing the resulting dust to improve the finish.

Additional Recommendations

- To colour the wood, apply a coat of pigmented CEDRIA NATURE LASUR ECOLOGICO before the 1st coat of CEDRIA NATURE BARNIZ ECOLÓGICO.
- CEDRIA NATURE BARNIZ ECOLÓGICO is compatible with previous or subsequent applications of most water-based wood stains and varnishes. For greater safety, a preliminary test is recommended, being necessary with other types of repainting
- It is also recommended not to apply the products in temperatures less than 5°C.
- Drying times will vary according to temperature and relative humidity.
- The performance and behaviour of the product may present slight modifications depending on the type of wood.
- When sanding avoid using metallic scouring pads, steel wool or any other tool that can leave metal remnants.

*1: See the Technical Sheet for the product.