

# CEDRIA Barniz CS

Technical Sheet

Interior Range

## Product Description

Neutral water-based wood varnish. For applications where high aesthetic values and a guaranteed durability are important. Interior or covered exterior (Service Class 2).

## Properties

- Increased hardness and resistance to rubbing, scratching and abrasion.
- No yellowing.
- Good resistance to oil stains and other chemical products.
- Complies with norms EN 71-3 (**SAFETY OF TOYS**).
- Environmentally friendly.

## Recommended Uses

Suitable for all wood types. Suitable for furniture, windows and doors, frames, banisters and other interior or covered exterior items which require varnishing.

## Technical Characteristics

Resin	Fine particle acrylic
Finish	Satin or Matt
Odour	Odourless
Viscosity	Brookfield 2500 - 3000 mPa.s (L3, 20 25°C)
Density (20°C)	1.04 kg/l
Solvent Type	Water
VOC	Contains 46g/l - Limit value 2004/42/CE-IIA cat. e) is VOC max. 130g/l (2010)
Drying	30 minutes
Application Conditions	Maximum Relative Humidity 65%. Temperature between 5° and 35°
Storage	Conserve inside at temperatures between 5°C and 35°C
Container sizes	750ml and 4l
Utensils and Cleaning	Brush, roller or spray-gun. Clean with water
Colours	Neutral
Coverage	8-10m <sup>2</sup> /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. 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

- **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 1-2 coats (according to the desired finish) of CEDRIA BARNIZ CS. Sanding the wood between coats will improve the finish. Usage 100 g/m<sup>2</sup> per coat. Drying time between coats 1 hour.

### 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 1-2 coats (according to the desired finish) of CEDRIA BARNIZ CS. Sanding the wood between coats will improve the finish. Usage 100 g/m<sup>2</sup> per coat. Drying time between coats 1 hour.

### 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 1-2 coats (according to the desired finish) of CEDRIA BARNIZ CS. Sanding the wood between coats will improve the finish. Usage 100 g/m<sup>2</sup> per coat. Drying time between coats 1 hour.

### Maintenance

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

- **It is essential to prepare the wood before applying the varnish. See the section on application and preparation of wood.**
- Apply 1-2 coats (according to the desired finish) of CEDRIA BARNIZ CS. Sanding the wood between coats will improve the finish. Usage 100 g/m<sup>2</sup> per coat. Drying time between coats 1 hour.

### Additional Recommendations

- For woods such as Oregon or Longleaf Pine which are resinous or have resinous knots, after sanding and before applying the varnish, it is recommended to wipe the wood thoroughly with a cloth impregnated with CEDRIA WOOD NET\*1.
- CEDRIA BARNIZ CS is compatible with previous or subsequent applications of most water-based wood stains and varnishes. For other types of treatment, test before applying.
- 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 vary 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.