

# CEDRIA Protect 10 Varnish

Technical Sheet

Interior Range

## Product Description

Neutral polyurethane varnish. Water-based. New concept in varnish that can satisfy the demands of industry as well as artisans carpenters.

## Properties

- Elevated hardness and resistance.
- Optimum finish. Great transparency. Does not alter the colour of the wood.
- Washable.
- Complies with the UN-EN 71-3 (**SAFETY OF TOYS**)
- Environmentally friendly.

## Recommended Uses

For doors, windows, banisters, parquet flooring, stairs and wooden flooring in general. Interior.

## Technical Characteristics

Resin	Aliphatic acrylic polyurethane
Finish	Satin and Matt
Odour	Odourless
Viscosity	Brookfield 1800 - 2200 mPa.s (L3, 50 25°C)
Density (20°C)	1.04 kg/l
Solvent Type	Water
VOC	Contains 58g/l - The limit value 2004/42/CE-IIA cat. e) is VOC max. 130 g/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	8-9m <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 and other substances.
3. Before applying the varnish, it is recommended to sand the wood in the direction of the grain using P120 sandpaper to open 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.
- Apply 2 coats of CEDRIA PROTECT 10 VARNISH. The wood may be sanded between coats, removing the dust, for an improved finish. Usage 180 g/m<sup>2</sup> per coat. Drying time between coats 1 hour.
- Wait 24 hours before placing furniture or other heavy objects on the surface. After a week the varnish will reach total hardness.

## 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 PRIMER TANNINS INHIBITOR\*1 to prevent black stains caused by the tannins.
- Apply 2 coats of CEDRIA PROTECT 10 VARNISH. The wood may be sanded between coats, removing the dust, for an improved finish. Usage 180 g/m<sup>2</sup> per coat. Drying time between coats 1 hour.
- Wait 24 hours before placing furniture or other heavy objects on the surface. After a week the varnish will reach total hardness.

## 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.**
- It is sufficient to gently sand the wood in the direction of the grain (see section preparation of wood).
- Apply 2 coats of CEDRIA PROTECT 10 VARNISH. The wood may be sanded between coats, removing the dust, for an improved finish. Usage 180 g/m<sup>2</sup> per coat. Drying time between coats 1 hour.
- Wait 24 hours before placing furniture or other heavy objects on the surface. After a week the varnish will reach total hardness.

## Periodic Maintenance

- Clean the surface with a vacuum cleaner and mop.
- To nourish and embellish parquet, apply 1 coat of CEDRIA PARQUET REVITALIZING\*1.

## Additional Recommendations

- CEDRIA PROTECT 10 VARNISH 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 recommended not to apply the products at 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.