

# CEDRIA 2C Invisible Varnish

Technical Sheet

Professional Range

## Product Description

Invisible water-based two component varnish, formulated with high cross-linking degree polyurethane.

## Properties

- No yellowing (It may provide wood with a warm shade).
- Extraordinary hardness and resistance to rubbing and abrasion.
- Excellent chemical resistance to food products (water, alcohol and by-products, oil, coffee, and other foods).
- Provides wood with extraordinary hardness and elasticity, specially to decks and oak woods, and all kinds of interior carpentry.
- Tannin blocking action, preventing the stains they cause.
- It combines technical performance with easy direct application on any surface that has been properly conditioned.
- Environmentally friendly.

## Recommended Uses

All kinds of wood floors, parquets, stairs, decks, bars, kitchen counters and, in general, high traffic areas where wood needs an extraordinary mechanical and chemical resistance, specially to food products. Interiors.

## Technical Characteristics

Resin	Two components polyurethane
Finish	Extra-matt and satin
Odour	Odourless
Viscosity	Brookfield 1800 - 2200 mPa.s (L3, 50 25°C)
Density (20°C)	1.035 kg/l
Solvent type	Water
VOC	It Contains COV max.59g/l. Limit value 2004/42/CE-IIA cat. j) is COV max. 140. g/l (2010)
Drying	Touch dry: 60 minutes. Repainted: 2 hours
Application Conditions	Maximum Relative Humidity 65% Temperature between 5° and 25°
Storage	Conserve inside at temperatures between 5°C and 55°C
Container sizes	4l
Utensils and Cleaning	Brush, spray gun, or foam roller. Clean with water
Colours	Neutral
Coverage	8-10m <sup>2</sup> /l depending on state of surface and wood type
Mixing ratio	Comp. A: 14 parts; Comp. B: 1 part (by weight) Comp.A:1l – Comp.B:68 ml (in volume)
Mixture pot life:	Between 1 and 2 hrs., depending on ambient temperature.

## Safety

- All current legislation must be followed in the case of storage and handling.
- Storage Life: 6 months 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

1. The surface should be free from dust, grease, and other substances.
2. The wood should be dry (with less than 18-20% humidity).
3. Before applying the varnish, it is recommended to sand the wood in the direction of the grain to improve adhesion.120
4. Stir (do not shake) one or two component vigorously with a spatula, and add COMPONENT B over COMPONENT A, mixing them well until a uniform mixture is achieved. The mix ratio is 14 parts component A and 1 parts component B (by weight); Comp.A:11 – Comp.B:68 ml (in volume)
5. Once both components have been mixed, the product is ready to use. Only when using a spray-gun, if necessary, dilute with 5% water, preferably distilled.
6. Apply the product during the component A and component B mixture service life (approximately 1-2 hours, depending on ambient temperature. It may be verified by a sudden increase in viscosity). After this time, do not use the remaining material and discard it.

## New Wood

- **It is essential to prepare the wood before applying the varnish. Check Application and Wood preparation section.**
- In addition, as insecticide treatment, apply first a coat of CEDRIA PRIMER\*1.
- Apply 2 coats of CEDRIA 2C INVISIBLE VARNISH. To improve the finish, leave to dry and sand the wood between coats, removing the dust, and apply a final coat. Drying time between coats, 2 hours.
- Wait 24 hours before placing furniture or other heavy objects. After a week the varnish will reach total hardness. In damp areas such as kitchens or bathrooms, avoid water stagnation on the support for 24 hours.

## Hardwoods - Chestnut and Oak rich in tannins.

- **It is essential to prepare the wood before applying the varnish. Check Application and Wood preparation section.**
- Although the product has good anti-tannin properties, it is recommended to apply 1 coat of CEDRIA PRIMER TANNIN INHIBITOR\*1 to prevent black stains caused by tannins.
- Apply 2 coats of CEDRIA 2C INVISIBLE VARNISH. To improve the finish, leave to dry and sand the wood between coats, removing the dust, and apply a final coat. Drying time between coats, 2 hours.
- Wait 24 hours before placing furniture or other heavy objects. After a week the varnish will reach total hardness. In damp areas such as kitchens or bathrooms, avoid water stagnation on the support for 24 hours.

## 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. Check Application and Wood preparation section.**
- It is sufficient to gently sand the wood in the direction of the grain (see section preparation of wood).
- Apply 1-2 coats of CEDRIA 2C INVISIBLE VARNISH. To improve the finish, leave to dry and sand the wood between coats, removing the dust, and apply a final coat. Drying time between coats, 2 hours.
- Wait 24 hours before placing furniture or other heavy objects. After a week the varnish will reach total hardness. In damp areas such as kitchens or bathrooms, avoid water stagnation on the support for 24 hours.

## Periodic Maintenance

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

## Additional Recommendations

- CEDRIA 2C INVISIBLE VARNISH is compatible with previous and future applications of most water-based varnishes. For other types of treatment, test before applying.
- In case of application on wood dyed in white colour, it is recommended previous test.
- It is recommended not to apply the products at temperatures less than 5°C.
- Drying times or coverage will vary according to temperature changes, humidity, thickness, or type of support.
- 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: Check product Technical Data Sheet.