

## Professional Range



## Product Description

Neutral and transparent fire-resistant water-based wood varnish. Suitable for indoor and outdoor use. Certified with the highest possible classification for low smoke emissions.

## Properties

- Classed as Bs1d0 in the EUROCLASS system for its application as a coating of WALLS and CEILINGS according to the European Standard UNE-EN-13501-1.
- Classed as B<sub>FLS</sub>1 in the EUROCLASS system for its application as a FLOOR coating according to the European Standard UNE-EN-13501-1.
- Classed as B<sub>ROOF</sub>(t1) in the EUROCLASS system for its application as a coating for OUTDOOR DECKS to the European Standard UNE-EN-13501-5.
- A+ Classification (Lowest VOC Emission) awarded by accredited Eurofins laboratory.
- Excellent hardness and resistance to rubbing and abrasion.
- Good transparency.
- No yellowing.
- Environmentally friendly.

## Recommended Uses

Suitable for interiors and exteriors. For skirting boards, facings, decking, wood flooring... which require some fire resistance

## Technical Characteristics

Resin	Acrylic-polyurethane
Finish	Silky satin
Odour	Odourless
Viscosity	Brookfield 2000 – 3000 mPa.s (L3, 20 25°C)
Density (20°C)	1.07 kg/l
Solvent type	Water
VOC	It contains 0,1 g/l. - Limit value 2004/42/CE-IIA cat. i) is VOC max. 140. g/l (2010)
Drying	1h (Touch dry). Repainted: 2h
Application Conditions	Maximum Relative Humidity 65% Temperature between 5° and 35°
Storage	Store indoors at temperatures between 5° and 35°C
Container sizes	4l and 20l
Utensils and Cleaning	Brush, roller or spray-gun. Clean with water
Colours	Neutral
Coverage	3m <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, residues and other substances.
3. Before applying the varnish, it is recommended to sand the wood in the direction of the grain to improve adhesion.120
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. Check Application and Wood preparation section.**
- Apply 2 coats of CEDRIA FIRE RESISTANT VARNISH B-88 so that a rate of 350g/m<sup>2</sup> is achieved. First coat 200g/m<sup>2</sup> and second coat 150g/m<sup>2</sup> Drying time between coats 2-3 hours.

### Instructions according to the spraying system

Equipment	Nozzle	Air pressure (bar)	Varnish pressure (bar)
Cup	1.5 to 1.9	0 to 2	---
Airmix	9 to 11	0 to 2	---
Airless	11 to 13	---	150 to 200

### Additional Recommendations

- For woods such as Oregon or Logleaf 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 FIRE RESISTANT VARNISH B-88 is compatible with previous or subsequent applications of most water-based wood stains and varnishes. For greater security, it is recommended to test the product, as is the case with other types of repainting.
- 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.
- To ensure maximum protection outdoors avoid sanding between coats.
- When sanding avoid using metallic scouring pads, steel wool or any other tool that can leave metal remnants.

\*1: Check product Technical Data Sheet.