

CEDRIA Nano Lasur 71

Technical Sheet

Outdoor Range

Product Description

Creamy wood stain based on the development of NANOTECHNOLOGY. Water-based. Especially recommended for vertical faces which require exceptional UV protection.

Properties

- Exceptional resistance to UV
- It contains broad spectrum biocides to protect the film against fungal attacks and provide an effective film protection.
- Water repellent. Microporous.
- Dirt repelling.
- Rapid drying.
- Easy application.
- Environmentally friendly.

Recommended Uses

For all types of vertical wood surfaces: softwoods, hardwoods and tropical woods: doors, windows, structural elements. Exterior – Interior.

Technical Characteristics

Resin	Nanometric Acrylic
Pigments	Transparent, light-fast iron oxides
Finish	Satin
Odour	Odourless
Viscosity	Brookfield 400 – 600 mPa.s (L3, 100 25°C) – Neutral: 800-1200 mPa.s (L3, 20 25°C)
Density (20°C)	1.06 kg/l
Solvent Type	Water
VOC	It contains 49g/l. - Limit value 2004/42/CE-IIA cat. e) is VOC max. 130. g/l (2010)
Drying	Touch dry: 30-60 minutes. Repainted: 1 hour
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 or spray-gun. Clean with water
Colours	Available in 5 colours: Chestnut, Walnut, Teak, Oak and Chocolate + Neutral Mixable with each other
Coverage	12 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. 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 wood stain:

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 wood stain, it is recommended to sand the wood in the direction of the grain to open up the pores and improve adhesion. VERTICAL WOOD: P60 Sandpaper. HORIZONTAL WOOD: P40 Sandpaper. Avoid sanding between coats.
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 or Tropical Woods.

- **It is essential to prepare the wood before applying the wood stain. See the section on application and preparation of wood.**
- In addition, for insecticidal treatment apply 1 coat of CEDRIA PRIMER*1 before applying the wood stain. (In the case of spruce, due to its low impregnability, it is recommended where necessary to apply a coat of CEDRIA PRIMER between the two coats of CEDRIA NANO LASUR 71)
- Apply 2 coats of CEDRIA NANO LASUR 71 (For south-facing exposures, apply 3 coats). Usage 100 g/m² 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 wood stain. See the section on application and preparation of wood.**
- Apply 1 coat of CEDRIA PRIMER TANNIN INHIBITOR*1 to prevent black stains caused by the tannins.
- Apply 2 coats of CEDRIA NANO LASUR 71 (For south-facing exposures, apply 3 coats). Usage 100 g/m² 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 wood stain. 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 REMOVE GEL*1.
- Apply 2 coats of CEDRIA NANO LASUR 71 (For south-facing exposures, apply 3 coats). Usage 100 g/m² per coat. Drying time between coats 1 hour.

Maintenance

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

- Simply clean the surface with water using a high-pressure jet (Pressure washer. Guide pressure 80-120 bar) and allow to dry for between 12 and 24 hours or lightly sand in the direction of the grain (see section on preparation of the wood).
- Apply 1-2 coats of CEDRIA NANO LASUR 71. Usage 100 g/m² per coat. Drying time between coats 1 hour.
- For regular maintenance, if you do not wish to excessively intensify the colour, you can mix the chosen colour of CEDRIA NANO LASUR 71 with NANO LASUR 71 neutral.

Additional Recommendations

- For woods such as Oregon or Longleaf Pine which are resinous or have resinous knots, after sanding and before applying the wood stain, it is recommended to wipe the wood thoroughly with a cloth impregnated with CEDRIA WOOD NET*1.
- CEDRIA NANO LASUR 71 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.
- It is very important to avoid applying the product in hours of maximum direct sunlight. When the wood is too hot, the polymerisation of the resins is impaired. As an emergency solution and to avoid the effects caused by rapid evaporation of the water, it is recommended to lightly wet the wood with a small amount of water. 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.
- 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: See the Technical Sheet for the product.