

CEDRIA Lasur Plus Dek-Mechanised Technical Sheet

Professional Range

Product Description

Pigmented wood stain, adapted for industrial applications. Protects wood with solid pigments that filter sunlight, dye and enhance its natural beauty. Suitable for indoor and outdoor

Properties

- Gives a beautiful and intense finish as well as greater solar protection.
- It contains broad spectrum biocides to protect the film against fungal attacks and provide an effective film protection.
- Great resistance to UV.
- Water repellent. Humidity regulator.
- Does not form a seal. Allows the humidity inside the wood to transpire.
- Excellent penetration.
- Environmentally friendly.

Recommended Uses

Beams, trusses, windows, frames, doors, surfaces and other wooden elements. Suitable for all wood types. Can be applied both mechanically and manually. Exterior – Interior.

Technical Characteristics

Resin	Fine particle acrylic
Pigments	Transparent, light-fast iron oxides
Finish	Satin
Odour	Odourless
Viscosity	10" - 12" CF4
Density (20°C)	1,02 kg/l
Solvent Type	Water
VOC	It Contains 36g/l. Limit value 2004/42/CE-IIA cat. e) is COV max. 130. g/l (2010)
Drying	Touch dry: 15 minutes. Repainted: 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	20l, 200l and 1,000l
Utensils and Cleaning	Brush, Roller, Spray-gun, Mechanised system. Clean with water
Colours	Available in 8 mixable colours and neutral: Pine, Chestnut, Walnut, Teak, Oak, Bronze, Grey and White. Availability to customize colours
Coverage	10-12m 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 15% humidity).
2. The wood should be free from dust, grease, residues and other substances.
3. It is recommended to sand the wood in the direction of the grain to improve adherence. VERTICAL WOOD: P80 Sandpaper. HORIZONTAL WOOD: P40/60 Sandpaper. Avoid sanding between coats.
4. Product is ready to use.
5. Stir (do not shake) the product vigorously with a spatula before using.

New Wood

Softwoods – Pine, Spruce.

- **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.
- Apply 2 coats of CEDRIA LASUR PLUS DEK-MECHANISED. Usage 80-100 g/m² per coat. Drying time between coats 30 minutes.

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 1-2 coats of CEDRIA LASUR PLUS DEK-MECHANISED. Usage 80-100 g/m² per coat. Drying time between coats 30 minutes.

Maintenance

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

- It will be enough to sand gently in the direction of the grain (see the wood preparation section).
- Apply 1-2 coats of CEDRIA LASUR PLUS DEK-MECHANISED. Usage 80-100 g/m² per coat. Drying time between coats 30 minutes.

Additional Recommendations

- In mechanised applications adjust brushes correctly according to the finish and the desired drying time.
- To improve the finish and increase the UV protection, after applying the last coat of CEDRIA LASUR PLUS DEK-MECHANISED and observing the drying times, apply 1 coat of CEDRIA LASUR PLUS DEK-MECHANISED neutral. For varnish-like finishes: replace this last coat with 1 coat of CEDRIA BARNI SOL, CEDRIA B-10 or CEDRIA B1010 PRO.
- CEDRIA LASUR PLUS DEK-MECHANISED 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.