

CEDRIA Pacific Wood Stain

Technical Sheet

Outdoor Range

Product Description

CEDRIA PACIFIC WOOD STAIN offers an ideal formulation thanks to a greater concentration of state-of-the-art active ingredients that provide new woods with a unique and beautiful, aged and silver finish look, typical of woods exposed to the passage of time and the characteristic Pacific weather.

Its microporous structure creates a natural semi-matte patina that lets wood breath while, at the same time, it protects it from the most aggressive weather conditions.

Properties

- Easy to apply: Only one coat of this exceptional wood stain is needed.
- It is recommended to apply an extra coat of colourless matte CEDRIA SOL LASUR to strengthen the finish durability.
- Respects the natural look of the wood grain.
- Protects from stains caused by water and environmental pollution.
- It contains broad spectrum biocides to protect the film against fungal attacks and provide an effective film protection.
- With reinforced solar filters.
- Highly water-repellent, regulates moisture, transpirable.
- For all types of woods, even resinous, in horizontal or vertical exposure.
- Makes it possible to keep wood maintenance-free for a long time, if desired.
- Respects the Environment.

Recommended use

Perfect for: Pergolas, decks, and other wooden elements in general. Outdoors – Indoors.

Technical characteristics

Resin	Acrylic, nanometre-sized
Pigments	Inorganic semi-transparent
Finish	Semi-matte
Odour	Odourless
Viscosity	450-550 m.Pas a 25°C, sp2, v20
Density (20°C)	1,050 ± 0.05
Thinner type	Water
VOC	It contains 5,1g/l. - Limit value 2004/42/CE-IIA cat. e) is VOC max. 130g/l (2010)
Drying	Touch dry: 30-60 minutes. Repainted: 1 hour
Application conditions	Maximum Relative Humidity 65% Temperature between 5° and 35°
Storage	Store indoors at temperatures between 5° and 35°C
Packaging	750ml and 4l
Tools and Cleaning	Brush, Roller, Sponge, or Airgun. Cleans with water.
Colours	Available in 6 colours: Navy red, Stone grey, Salts green, Pacific grey, Blue fog, and Silver grey.
Coverage	10-12m ² /l depending on the surface and type of wood

Safety

- Storage and handling conditions must be in compliance with legislation in force.
- Storage time: 2 years in closed container and following the storage conditions recommended under the technical characteristics section.
- Avoid having the product or its residues come into contact with water sources. Remember: Caring and protecting the environment is the legacy for our future generations.
- Keep out of reach of children.

Quality assurance

CEDRIA products have been developed, manufactured, and marketed under the most stringent quality standards. These recommendations correspond to the current state of our knowledge, and provide general information regarding the application and use of the products. Considering the range of substrates, uses, and application techniques, the buyer/user is not released from their obligation to control the materials, their application, and the final result for which they are responsible. Therefore, the buyer/user is recommended to make a preliminary test before the final application.

Application and Wood preparation

Wood must be properly prepared before applying the wood stain:

1. Wood must be dry (with less than 18-20% moisture).
2. Wood must be cleaned from dust, grease, exudates, and other substances.
3. It is advised to sand the wood following the wood grain before applying the wood stain, to open the pore and improve penetration. **VERTICAL WOODS:** 80 grain sandpaper **HORIZONTAL WOODS:** 40 grain sandpaper Avoid sanding in between coats.
4. Ready-to-use product (only if application will be done with an airgun, dilute with 5% water, preferably distilled, if required).
5. Stir (do not shake) the product vigorously with a spatula before use.

New woods (all type of woods)

- **Wood must be properly prepared before applying the wood stain. Check Application and Wood preparation section.**
- For new conifer woods, it is recommended to optionally apply 1 coat of CEDRIA PRIMER*¹ as insecticide treatment before applying the wood stain. For new hardwoods, apply 1 coat of CEDRIA PRIMER TANNINS INHIBITOR*¹ to prevent black stains caused by tanins.
- Apply 1 coat of CEDRIA PACIFIC WOOD STAIN. Dose: 100 g/m². Apply 1 coat of CEDRIA SOL LASUR*¹ (matte), to strengthen durability, if desired. Drying time between coats, 1 hour.

Deteriorated woods or woods in bad conditions

- **Wood must be properly prepared before applying the wood stain. Check Application and Wood preparation section.**
- Remove residues from previously applied products by sanding in the wood grain direction (check wood preparation section) or strip it using CEDRIA REMOVER GEL*¹.
- Apply 1 coat of CEDRIA PACIFIC WOOD STAIN. Dose 100 g/m². Apply 1 coat of CEDRIA SOL LASUR*¹ (matte), to strengthen durability, if desired. Drying time between coats, 1 hour.

Maintenance

It is needed when there is a loss of gloss and colour degradation due to weather and erosion. (Optionally, wood may be left to acquire a "passage of time" look.

- Cleaning the surface with pressurised water (Pressure washer. Suggested pressure, 80-120 bar) and leaving it to dry 12-24 hours, or sanding it correctly, following the wood grain to open the pore will suffice.
- Apply 1 coat of CEDRIA PACIFIC WOOD STAIN. Dose 100 g/m².

Additional recommendations

- To improve the finish and intensify sun protection, apply a coat of colourless CEDRIA SOL LASUR*¹ (fine coat finish) or colourless CEDRIA BARNI SOL*¹ (thick coat finish) after the final coat of CEDRIA PACIFIC WOOD STAIN, observing drying times.
- For woods with resins and resinous knots such as Oregon Pine or Melis Pine, it is recommended to vigorously clean the wood with a cloth soaked in any resin-removing product after sanding it and before applying the wood stain.
- CEDRIA PACIFIC WOOD STAIN is compatible with previous and future applications of most water-based wood stains and varnishes. It is advisable to carry out a preliminary test to ensure compatibility. For other types of repainting, preliminary tests are required.
- It is very important to avoid application at peak hours of maximum exposure to solar radiation. Resin polymerisation is negatively affected if the wood becomes excessively hot. As an emergency solution, and to prevent the impact caused by rapid water evaporation, it is advisable to keep the wood refreshed by applying some water. We also advise not to apply the products in environments where temperatures are below 5°C.
- Drying times will vary depending on temperature and relative humidity.
- Product performance and behaviour may show slight changes depending on the type of wood.
- Avoid using metal scouring sponges, steel wool, or any other tool that may leave metallic residues during sanding operations.

*1: Check product Technical Data Sheet.