

CEDRIA Naturmatt Varnish

Technical Sheet

Interior Range

Product Description

Innovative topcoat made of water-based polyurethane resins that offers a glazed finish when it creates a film, without runs. Authorised for use in contact with food. Can be applied as a single component varnish (COMPONENT A) or a two component (COMPONENT A + COMPONENT B), depending on the required resistance.

Properties

- Product suitable for contact with food, complying with the requirements of RD 847/2011 and of European Regulation n°10/2011 according to EUROFINS reports n° AR-17-JR-021635-01, AR-18-JR-001637-01, AR-23-JR-013818-01 and AR-23-JR-013633-01
- Extramatte finish, no yellowing.
- Extraordinary hardness and resistance to rubbing and abrasion.
- Excellent chemical resistance to food products (alcohol and by-products, oil, coffee, and other foods). Its resistance to water, leaving no stains after prolonged exposure, can be highlighted.
- It combines technical performance with easy direct application on any surface that has been properly conditioned.
- May be applied on all wood species.
- Environmentally friendly.

Recommended Uses

Kitchen counter destined to food, dishes, and tools handling, bar stools and, in general, anything that may come into contact with food products. Also suitable for application in any kind of wood floors, parquets, stairs... indoor and/or outdoor under roof.

Technical Characteristics

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| Resin | Two components polyurethane |
| Finish | Extramatte |
| Odour | Odourless |
| Viscosity | Brookfield 1800-2200 mPa.s (L3, 50 25°C) |
| Density (20°C) | 1.067 kg/l |
| Solvent type | Water |
| COV Component | It contains COV max. 57g/l. Limit value 2004/42/CE-IIA cat. j) is COV max. 140. g/l (2010) |
| Drying | Touch dry: 1 hour. 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 | 750 ml and 4 L |
| Utensils and Cleaning | Brush, spray gun, or foam roller. Clean with water |
| Colours | Neutral |
| Coverage | 8-10m ² /l depending on state of surface and wood type |
| Mixing ratio | Comp. A: 100; Comp. B: 10 (by weight) // Comp. A: 1l – Comp. B: 106ml (in volume) |
| Mixture pot life: | 8 hours |

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.

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 components vigorously with a spatula. In case of applying a two-component product, add COMPONENT B over COMPONENT A and mix them until a uniform mixture is achieved. The mix ratio is 100 parts component A and 10 parts component B (by weight). Component A: 1l – Component B: 106ml (in volume)
5. Once both components have been mixed, the product is ready for use. Only when using a spray-gun, if necessary, dilute with 5% water, preferably distilled.
6. Apply the product during the COMPONENT A + COMPONENT B mixture service life (approximately 8 hours, depending on ambient temperature). 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, for a preventive treatment, apply first a coat of CEDRIA PRIMER*1.
- Apply 2 coats of CEDRIA NATURMATT VARNISH. To improve the finish, leave to dry and sand the wood between coats, removing the dust, and apply a final coat. Usage 180 g/m² per coat. Drying time between coats, 2 hours.
- Wait 24 hours before placing furniture or other heavy objects on the surface. 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 TANNINS INHIBITOR*1 to prevent black stains caused by tannins.
- Apply 2 coats of CEDRIA NATURMATT VARNISH. To improve the finish, leave to dry and sand the wood between coats, removing the dust, and apply a final coat. Usage 180 g/m² per coat. Drying time between coats, 2 hours.
- Wait 24 hours before placing furniture or other heavy objects on the surface. 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

- 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 NATURMATT VARNISH. To improve the finish, leave to dry and sand the wood between coats, removing the dust, and apply a final coat. Usage 180 g/m² per coat. Drying time between coats, 2 hours.
- Wait 24 hours before placing furniture or other heavy objects on the surface. 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

- When cleaning with detergents is required, DO NOT use industrial detergents. Neutral pH recommended.
- Clean the surface with a vacuum cleaner and mop.

Additional Recommendations

- CEDRIA NATURMATT VARNISH is compatible with previous and future applications of most water-based varnishes. For other types of treatment, test before applying.
- 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.
- On surfaces other than wood it is necessary to carry out a preliminary test to verify that the product meets the required properties.

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.

*1: Check product Technical Data Sheet.