

CLOU® OSB Varnish

Characteristics

Extremely hard-wearing, colorless OSB (Oriented Strand Board) varnish with very good sanding and filling properties.

- openpored
- water and stain resistant
- wear resistant
- resistant to household care, cleaning agents and alcohol
- low odour
- suitable for children's toys
- complies with the VOC Decopaint Directive

Recommended Use

For sealing Oriented Strand Boards (OSB) in domestic areas and protected outdoor locations such as floor pavements, shelves, stands and wall- or ceiling coverings, e.g. in schools, nursery schools, public buildings and authorities, restaurants, hotels, doctors' surgeries and living areas etc.

Use/Application



Roller



Brush

Application methods:

Coverage (m²/Litre): 6-7

(per coat; dependent on the surface structure and absorbency)

Technical Data

Dilution: CLOU® EV-Thinner
Viscosity: ~ 105 sec / DIN 4mm
Density (g/cm³): ~ 0,930

DIN EN ISO 2813 satin mat
Gloss level 60°angle ~ 25 GE

Drying

(at 20 °C and 50% relative humidity)

dust dry: approx. 1 hour
recoatable: 12 hours
loadable: 10 days

Cleaning

Clean all tools immediately after use with CLOU® EV-Thinner.

Storage/Disposal

Store in well sealed, original containers in a cool place protected from frost. Can be stored for 3 years. Leftover varnish must undergo special treatment and must be consigned to authorized companies that collect special waste.

Recommended waste code according to the European waste directory: 08 01 11 (the final determination must be coordinated through the regional waste utility). Dried varnish residues can be disposed of in the normal household refuse collection.

Safety Precautions

Do not drain into the groundwater or sewage system. Provide a constant supply of fresh air during and after application. Due to danger of spontaneous combustion, soak used cloths in water before disposal.

Special Instructions



The maximum VOC content permitted by the EU-Directive 2004/42 (Product category A/i is in the ready-to-use state 500 g/l. The maximum content of CLOU® OSB Varnish ready for use is max. 500 g/l VOC.

Test Standards

DIN 68861-1B (chemical resistance)
DIN 4102-B2 (flammability)
DIN 4102-B1 (fire resistance)
DIN V 53160, Part 1, Part 2 (resistance to saliva and perspiration)

Ordering information

Article-No.: 30775.00000

CLOU®

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Preparation

Apply only on well sanded and clean floors. The surfaces must be free of oil, wax, grease and any other impurities. Sand the untreated wooden surfaces with 150-180 grit to remove minor heels and remove dust.

Use/Application

(Surface temperature > 15 °C, Wood humidity 8–12 %)

Shake or stir well before use.

Prime the prepared surface with 20% diluted CLOU® OSB Varnish and leave surfaces to dry carefully. After drying, sand down with 240 grit and remove dust.

Varnish the primed surfaces 2-3x with approx. 10% diluted OSB Varnish depending on the absorbency of the surfaces.

Intermediate sanding after every working process with 240 grit. Remove dust immediately after sanding.

The varnish mixture can be used as primer and final coat.

Drying

(at 20 °C and 50% relative humidity)

Allow CLOU® OSB Varnish to dry after every working process and sand carefully before applying each further coat. Coatings applied too thickly and high humidity influence drying times.

Special Instructions

A good ventilation should be provided during and after processing.

In order to guarantee flawless durability, sufficient thickness of the total coating must be observed.

Complete hardening and chemical resistance of the coat is achieved after overnight drying.

This information is of a non-binding nature and is based solely on our tests and experience. As we cannot influence the on-site application and use, no liability is expressed by the contents of this data sheet. It is the user's own responsibility to adapt the processing instructions to the prevailing working conditions and to test the suitability of the products for the intended use by carrying out a process test where necessary. Our products are manufactured for professional users with a sound basic knowledge of using lacquers, glazes and stains. When unsure, our applications and laboratory technicians can advise to the best of their knowledge. The advice is non-binding unless confirmed in writing. Naturally we guarantee the quality of our products. Our general terms of sale and delivery apply.