Product Data Sheet

1-component decking oil

OUTDOOR-OIL

Solvent-based 1-component decking oil for protection of wooden decking and other outdoor wood surfaces

PRODUCT DESCRIPTION:

1-component deck oil based on natural oil (Linseed oil/ linseed oil varnish), drying by oxidisation with a good resistance to strong chemical and mechanical wear.

AREA OF APPLICATION:

Solvent-based 1-component deck oil, based on natural oil (Linseed oil/linseed oil alkyd) for wood in outdoor areas.

SUITABLE FOR:

- wood decking
- screens and trellis's
- hand rails
- carports
- garden furniture

PRODUCT BENEFITS / PROPERTIES:

- ready to use
- brush application
- high elasticity
- evaluation group C conforms to DIN 51097 (slip resistance in barefoot areas)
- High solvent content

TECHNICAL DATA:

Packaging:	metal container
Packsize:	3 l
Shelf life:	at least 24 months
Color:	natural, teak, bangkirai, honey
Consumption per coat:	approx. 50 - 60 ml/m²
Coverage:	approx. 16 - 20 m²/litre
Working climate:	between 18 – 25 °C and 35 – 65 % relative humidity
Further applications:	after approx. 8 - 12 hours*
Final strength:	after approx. 7 days*

*At 20 °C and 50 % rel. humidity

NOTE:

OUTDOOR-OIL contains about 50 % solvent. Depending on the type of wood (Cumaro, etc.) while there is high mositure in the atomospher water-soluable wood ingredients (dyes, etc.) begin to dissolve and contaminate surrounding surfaces such as facades. This should be tested and, where required take precautions to avoid contamination of adjacent surfaces.

SURFACE PREPARATION:

Let woods with a particularly high content of oil ingredients dry before the first treatment (at least 4 weeks).

Leave resinous wood species, such as Larch or Douglas, at least 6 weeks. Fresh pressure treated wood, such as Massaranduba, Bangkirai or Garapa at least 3 months. Before treating weathered (grayed) wood, treat with PALLMANN WOOD REFRESHER as necessary.

The surface must be clean, dry and frost-free (max. 18% ± 6% moisture content in accordance with DIN 1052). PALLMANN OUTDOOR-OIL is ready to use. Please do not dilute and stir thoroughly.

Clean old micro-porous finishes thoroughly, all old paint or varnish layers must be completely removed.

The finished results depends on the wood texture. So it always best to check a sample area.

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APPLICATION:

1. Before use, the container must be brought to room temperature (20 °C) and must be stirred well.
2. Apply PALLMANN OUTDOOR-OIL with a brush evenly on the clean and dry surface in direction of the wood grain. Allow to dry for approx. 8 – 12 hours. Then apply the second coat thinly.
3. Drying time until ready for foot traffic: 8 - 12 hours
4. After use, clean tools with suitable thinner.

IMPORTANT NOTE:

Pads or textile materials soaked in the product may spontaneously ignite on contact with air: thoroughly dampen soaked rags, pads, etc. with water and store / dispose of them in tightly sealed, fireproof containers.

IMPORTANT NOTES:

- Optimum temperature is 18 to 25 °C and relative humidity between 35 % and 65 %. Low temperatures and high humidity will extend the drying time. High temperatures and low humidity will shorten the drying time.
- Many exotic woods such as Teak, Ipe Lapacho, smoked Oak or Wenge as well as softwoods contain ingredients (e.g. so-called inhibitors, resins or mineral storages) which can lead to significant drying delays, wetting disturbances or colour changes. Due to the variety and different qualities of these woods, the species should be established and testing carried out before coating.
- Shelf life minimum 24 months in original packaging when stored in dry conditions.
- Tightly reseal opened containers and use the contents as quickly as possible.
- After application of the final coat, in moderate wear areas, the surface can be walked on after being left to dry overnight.
- To ensure trouble-free drying there should be no water impact (rain, etc.) for about 24 hours. Please schedule the application accordingly.
- In order to maintain the attractiveness and protection of the wooden decking in the long term, it must be re-oiled 1 to 2 times a year, depending on the wear and tear.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

High solvent content. Highly flammable liquid and vapour. Solvent vapours can form explosive mixtures with air. Repeated exposure may cause skin dryness or cracking.Vapours may cause eye irritation, drowsiness or dizziness. Therefore provide good ventilation during and after use. Use barrier cream and protective gloves / goggles. Do not inhale vapours. No smoking, no open flames. Switch off all electric devices likedoor-bells, refrigerators, electric stoves, etc. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact with skin, wash immediately with plenty of water and soap. Contains phthalic anhydride, benzotriazole derivative, reaction mixture of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate. May produce an allergic reaction. Observe safety information on product label as well as safety data sheet.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this Product Data Sheet invalidates all previous product information. The respective updated version of this datasheet can be found on our homepage under www.pallmann.net | 08/2026