TDS_650
TEAK OIL

TECHNICAL DATA SHEET
akteonpaints.com

Teak Oil_TDS_650_2025_v1.0_EN

Visit our website and learn more about our products
akteonpaints.com

For further information:
contact@akteonpaints.com

Kifissias Ave. 44,
Amarousion
+30 210 440 2727

TECHNICAL DATA SHEET

TEAK OIL

Maintenance Oil for Hardwoods (Available in Water-Based and Solvent-Based)

Main Features:

1. Maintenance oil for regular care of exterior and interior hardwoods.
2. Penetrates deeply into dense wood fibers to restore natural oils.
3. Enhances and revitalizes the natural color and grain of hardwood.
4. Non-film-forming — leaves the wood with a natural, silky feel.
5. Maintains flexibility for hardwoods that expand and contract.
6. Ideal for periodic maintenance of previously oiled wood surfaces.

Applications:

1. Hardwood decking.
2. Outdoor wooden furniture and garden sets.
3. Exterior hardwood cladding and façade elements.
4. Pergolas, railing systems, balcony wood, and exterior structures.
5. Interior decorative hardwood surfaces.
6. Premium hardwood tables and countertops.
7. Hardwood steps, floors, and verandas.
8. Maintenance of pre-oiled wood surfaces in homes and commercial areas.

Technical Specifications & Typical Values

Binder Type for Water Based	Acrylic
Binder Type for Solvent Based	Alkyd
Colour	Available in **clear** state.
Diluent for Water Based	Water
Diluent for Solvent Based	White Spirit
Density at 22°C (ISO 2811) (Water Based)	1.05 Kg/L
Density at 22°C (ISO 2811) (Solvent Based)	0.96 Kg/L
Solids %w/w (Water Based)	~ 17% *
Solids %w/w (Solvent Based)	~ 20% *
VOC (2004/42/EC) (Water Based)	97 g/L – (A/i/SB) One-pack performance coatings - VOC compliant
VOC (2004/42/EC) (Solvent Based)	650 g/L – (A/i/SB) One-pack performance coatings - VOC compliant
Dry film thickness (2 coats) (ASTM D6132-13(2017))	5-11 µm

*depending on the tinting base

**depending on surface absorption, tinting base & application method

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Technical Specifications & Typical Values (Water Based)

Method	Paint brush, roller or spray gun
Coverage per coat	8-10 sqm/L**
Recoatability	4-6 hours
Shelf life	12-24 months
Touch Dry Time at 22°C	20-40 min
Dry Through Time at 22°C	4-6 hours
Ambient air temperature	min. +10°C / max. +40°C
Relative air humidity	55-60 % max.
Curing time	Note: Times are approximate and will be affected by changing ambient and substrate conditions, particularly temperature and relative humidity.

*Depending on the tinting base
**Depending on surface absorption, tinting base & application method
***Drying times are temperature, humidity, and film thickness dependent

Technical Specifications & Typical Values (Solvent Based)

Method	Paint brush, roller or spray gun
Coverage per coat	8-10 sqm/L**
Recoatability	24 hours
Shelf life	12-24 months
Touch Dry Time at 22°C	2 hours
Dry Through Time at 22°C	4-8 hours
Ambient air temperature	min. +10°C / max. +40°C
Relative air humidity	55-60 % max.
Curing time	Note: Times are approximate and will be affected by changing ambient and substrate conditions, particularly temperature and relative humidity.

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TEAK OIL preparation:

Substrate quality & preparation:

1. The substrate must be cured, solid, clean, dry and free of all contaminants such as dust, dirt, oil, grease, surface treatments, etc.

Important application remarks:

1. Untreated substrate defects could lead to reflective coating defects and reduced performance.
2. Tool cleaning right after use with soap and water, always following the local HSE rules.

Packaging:

Metal can of:
0.75-L
2.5-L
10-L

Storage:

Shelf life: 12-24 months from the date of production, in original unopened packaging in a cool and dry condition between +5°C and +35°C. Protect from direct sunlight, heat, temperature extremes, and moisture. Failure to comply with the recommended storage conditions may result in premature deterioration of the product packaging and which may cause inconsistent workability, finish and cure times of the material.

Health, Safety & Environment:

Read the product label carefully before use. The Technical Data Sheet should be read in conjunction with the Safety Data Sheet.

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Paint System

Contact Akteon Paints for case-by-case recommendations at: **contact@akteonpaints.com** or visit **www.akteonpaints.com**

Disclaimer: The information contained in this publication is based on our scientific knowledge, laboratory studies and long-term experience. Therefore, the information provided must be considered indicative and subject to constant review in relation to the circumstances and each practical application. This information is for use by technically skilled persons at their own discretion and risk. The user alone has the responsibility to ensure that existing laws and legislation are observed when using the products.