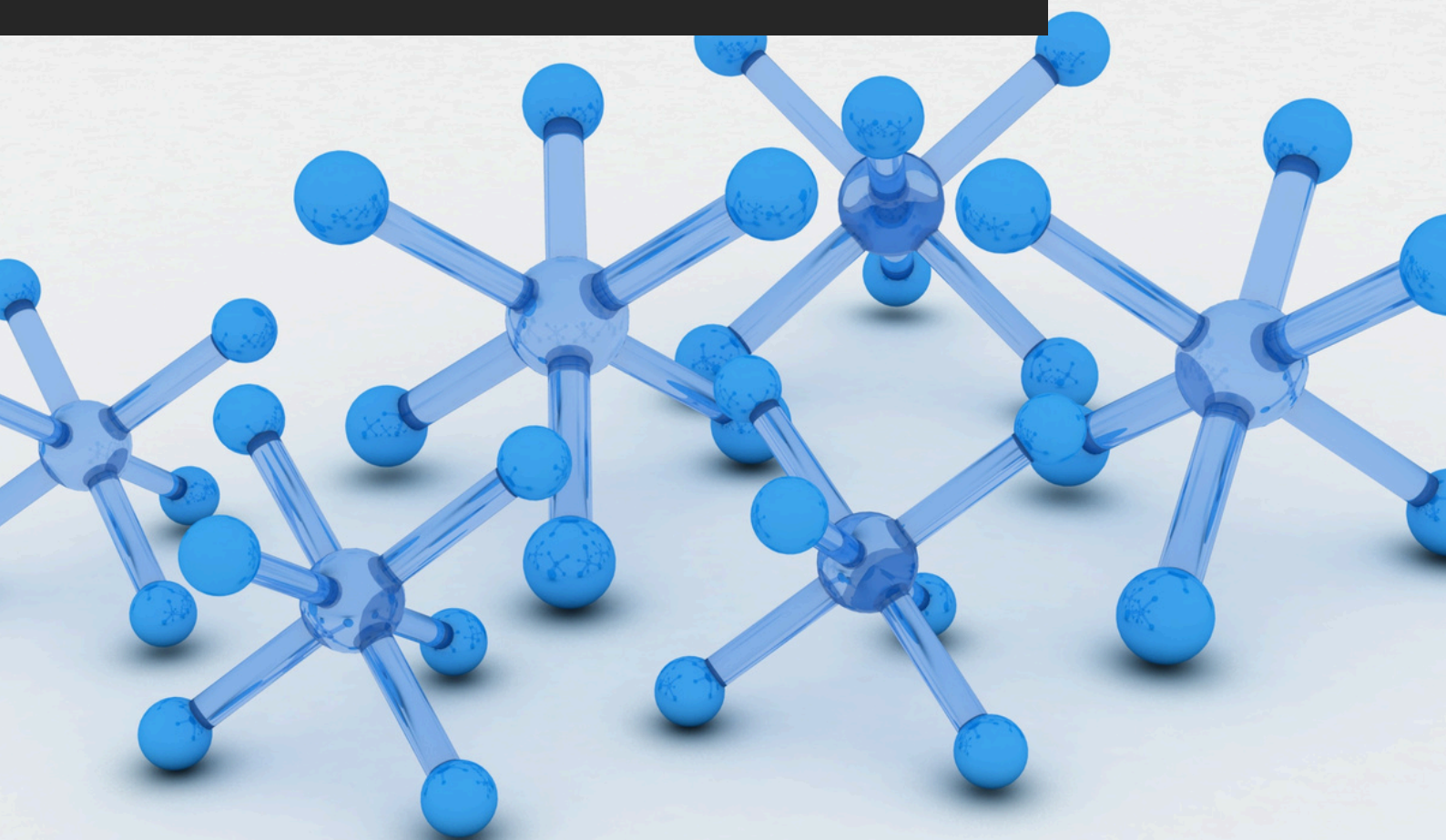


TDS_616

WOOD STAIN DECKING OIL BRIGHTENER

TECHNICAL DATA SHEET

akteonpaints.com



Wood Stain Decking Oil Brightener_TDS_616_2025_v1.0_EN

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

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WOOD STAIN DECKING OIL BRIGHTENER

Wood impregnation varnish for Deck.

Main Features:

1. Micro-technology resin system for deep wood penetration and fiber reinforcement.
2. Non-film-forming breathable protection ideal for outdoor decking.
3. Enhances and stabilizes the natural color and grain of the wood.
4. Smooth, natural satin finish without slippery buildup.
5. Water-based, low odor, and easy tool cleanup.
6. Strong adhesion and long-lasting performance even in harsh exterior climates.

Applications:

1. Outdoor wooden decks (softwood, hardwood, thermo-wood).
2. Wooden walkways, patios, pergolas, and verandas.
3. Garden wood structures exposed to weather.
4. Poolside decking and moisture-prone wooden flooring.
5. Balcony wooden floors and exterior platforms.
6. Wooden steps, outdoor stairs, and terrace coverings.

Technical Specifications & Typical Values

Binder Type	Acrylic
Colour	Available in Clear (varnish) state and Brightener shade.
Diluent	Water
Density at 22°C (ISO 2811)	1.06 Kg/L
Solids %w/w	~ 45 % *
VOC (2004/42/EC)	97 g/L – (A/i/SB) One-pack performance coatings - VOC compliant
Dry film thickness (2 coats) (ASTM D6132-13(2017))	10 µm

*depending on the tinting base

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

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Technical Specifications & Typical Values

Method	Paint brush, roller or spray gun
Coverage per coat	8-10 sqm/L**
Recoatibility	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

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Wood Stain Decking Oil Brightener 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.

Preparation before usage:

In general use dilute with water by 10%

In the case of spray gun application, dilute with water by 10%

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.

TECHNICAL 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.