



Wood Treatment & Protection WOOD SEALER & VARNISH

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

WOOD SEALER & VARNISH is a clear - transparent sealer and varnish for wooden surfaces based on acrylic resins. It offers excellent protection from dirt, water, blue stain, rot as well as UV protection. It acts as a moisture barrier layer to prevent peeling and excessive absorption from final coats. It is easily applied, fast drying and offers excellent coverage. It is a true decorative coating enhancing the wood's natural beauty.

ADVANTAGES

- 2 in 1, primer and varnish
- Seals wood grain
- Provides uniform clear finish
- Fast dry formula applies easily
- Excellent protection from water and UV rays

APPLICATIONS

- Excellent decorative protection for wood elements and constructions such as furniture, staircases, doors, windows, wood paneling, handrails etc.
- Very effective sealer for priming wooden parquet floors, claddings and wood decorative elements prior to the final coat (varnish or paint).
- Renovation and improvement of existing wooden constructions and furniture.
- Can be used as a final coat to seal wood surfaces, providing a natural feel.

INSTRUCTIONS FOR USE

Surface Preparation

New surfaces: light sanding if required for very smooth surfaces. Surfaces must be dry and clean from dirt and any oily residues. Oily residues and pine resins can be removed with nitro solvent or acetone.

Varnished surfaces: remove old varnishes (especially nitrocellulose) with paint stripper STRIPP N' CLEAN or with sanding machine. Sand the surface to a smooth finish and remove all dirt and dust with a damp cloth.

Application

1. Stir well before use.
2. Apply **WOOD SEALER & VARNISH** by brush, roller or airless spray in 1-2 coats. For soft woods and humid areas 2 coats are recommended.

3. Allow at least 30 – 45 minutes between each coat depending on ambient temperature. If fully dried more than 12 hours, sand softly before applying next layer
4. For very porous surfaces (or when **WOOD SEALER & VARNISH** is used as a top coat) a third coat must be applied.
5. Follow with light sanding, cleaning and application of the top coat - varnish.

IMPORTANT

- Wooden surfaces should be dry before application (12-14% internal humidity).
- Do not apply **WOOD SEALER & VARNISH** on extremely humid days or when rain is threatening.
- It should be noted that woods with high oil content may eventually experience adhesion problems as there is no way to totally eliminate the oil and prevent it from migrating to the surface.

CLEANING

Tools must be cleaned immediately after use with white spirit or nitro solvent

COVERAGE

9 - 16 m²/lt depending on wood absorption

TECHNICAL CHARACTERISTICS

Form: Liquid

Type: Solvent based acrylic wood sealer - varnish

Colour: Transparent

Odor: Characteristic of solvents

Viscosity: 40 ± 10 s - DIN CUP 8

Solubility: Aromatic solvents

Application: Brush, roller

Application temperature: +5°C έως +35°C.

Thinning: No thinning required, ready to use material

Drying time: Touch dry after 2 - 3 hours, recoat 30 – 45 minutes. If fully dried (more than 12 hours), sand softly before applying next layer

VOC (Volatile organic Compounds) CONTENT: (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/h(SB): "binding primers-designed to protect wood against blue stain): 750gr/lt (2010). This product contains maximum 700gr/lt VOCs (ready for use product).

STORAGE

Store in dry and cool storage conditions at temperatures 5^oC -30^oC. Protect from moisture, frost and direct sunlight.

SHELF LIFE

At least 12 months in unopened containers. Products should remain in their original unopened containers, bearing the manufacturers batch number.

PACKAGING

750ml, 2.5Lt

PACKAGING	CODE	BARCODE
Tin 750ml	05616	5204094056140
Tin 2.5Lt	05607	5204094056157

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HEALTH AND SAFETY INFORMATION



Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled **Aquatic Chronic 1: H410** - Very toxic to aquatic life with long lasting effects **Eye Irrit. 2: H319** - Causes serious eye irritation **Flam. Liq. 2: H225** - Highly flammable liquid and vapour **Skin Irrit. 2: H315** - Causes irritation **STOT SE 3: H336** - May cause drowsiness or dizziness **P101**: If medical advice is needed, have product container or label at hand **P102**: Keep out of the reach of children **P103**: read label before use **P280**: Wear protective gloves / protective clothing / eye protection / face protection **P303+P361+P353**: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. **P304+P340**: IF INHALED: Remove person to fresh air and keep comfortable for breathing **P305+P351+P338**: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **P501**: Dispose of the contents / containers in accordance with current legislation on waste treatment **EUH066**: Repeated exposure may cause skin dryness or cracking. Substances that contribute to the classification: Xylene(mixture of isomers) (CAS: 1330-20-7); 2-butanone (CAS 78-93-3)

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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