



Wood Protection & Treatment

YACHT VARNISH

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

YACHT VARNISH is a marine grade 1 component alkyd polyurethane varnish that provides ultimate long lasting protection of exterior and interior woodwork. It contains UV filters which protect against sunlight. The durable polyurethane based formula provides long term flexibility, ensuring crack, blister and peel resistance that cannot be achieved with an ordinary varnish. Due to its excellent combination of hardness and elasticity it is suitable as a wood floor – parquet varnish.

ADVANTAGES

- Tough durable finish
- Crack, Peel resistant
- UV and salt water resistant
- Long lasting protection
- Clear finish

APPLICATIONS

- Ideal for use on all exterior and interior wood constructions such as doors, window frames, ceilings, claddings, pergolas etc.
- All marine applications
- Interior and exterior wood floors

INSTRUCTIONS FOR USE

Surface preparation

New wood: Light sanding to smooth surface if necessary. The substrate should be dry and free from dust, chalk, grease and any foreign material which would affect adhesion. Grease and resins should be removed with nitro solvent.

Previously painted wood surfaces: It is important to remove old varnishes with paint and varnish remover STRIPP N' CLEAN. Follow with sanding, washing and rinsing. Dust and chalk must be removed by scrubbing with warm soapy water and rinsed with fresh water.

Fungicide protection: Apply two coats of XYLOFARM impregnation solution for protection against fungi, woodworm, insects etc.

Undercoat: Apply one or two coats of SEALER FLOOR & WOOD or with the varnish diluted 20% with white spirit and allow drying thoroughly. For areas with high humidity as well as for softwoods

it is advisable to apply two coats. Smooth surfaces with sandpaper No 150-180 and then with No 250-300.

WARNING: Treatment of old surfaces such as dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Lead dust may be released. Lead is toxic. Exposure to lead dust can cause serious illness. Wet sanding/flattening should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

Application

1. Stir the material well before and during application.
2. Apply two coats of **YACHT VARNISH**. Allow minimum of 24 hours drying time after each coat.
3. Although surfaces may be used 24 – 48 hours after application the secret to obtaining a durable finish is to allow the coating to cure for 5 – 7 days before exposing it to heavy use.
4. You must avoid to apply the varnish in heavily – thick coats, since it will wear rapidly.
5. For maximum durability apply three or more finish coats with at least 24 hours drying time between coats.

Maintenance of varnished surface: wash with a mild detergent and water, and rinse thoroughly.

IMPORTANT: wood must be dry (12-14% max internal moisture)

CLEANING

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

COVERAGE

6 - 10m²/Lt depending on wood absorption

TECHNICAL CHARACTERISTICS

Type: One-component polyurethane based wood varnish

Form: Thixotropic liquid

Color: Transparent

Odour: Characteristic of solvents

Application: Brush, roller

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

Thinning: 5 - 10% with white spirit

Drying time: Touch dry after 2 - 5 hours, recoat after 24 hours

VOC (Volatile organic Compounds) CONTENT: (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/e(SB) ("Interior/exterior trim varnishes and woodstains"): 400gr/lit (2010). This product contains maximum 399gr/lit VOCs (ready for use product).

STORAGE

Store in dry and cool storage conditions at temperatures 5°C -30°C. 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.

Evochem®

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PACKAGING

Gloss 750ml, 2,5Lt

Satin 750ml, 2,5Lt

PACKAGING	CODE	BARCODE
Tin 750ml Gloss	76116	5204094056263
Tin 2.5 Lt Gloss	05618	5204094056270
Tin 750ml Satin	5618	5204094056188
Tin 2.5 Lt. Satin	5623	5204094056232

HEALTH AND SAFETY INFORMATION



Acute Tox. 4: H332 - Harmful if inhaled **Aquatic Chronic 3: H412** - Harmful to aquatic life with long lasting effects **Asp. Tox. 1: H304** - May be fatal if swallowed and enters airways **Carc. 2: H351** - Suspected of causing cancer **Eye Irrit. 2: H319** - Causes serious eye irritation **Flam. Liq. 3: H226** - Flammable liquid and vapour **Skin Sens. 1: H317** - May cause an allergic skin reaction **P101**: If medical advice is needed, have product container or label at hand **P102**: Keep out of 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 the current legislation on waste treatment **EUH066**: Repeated exposure may cause skin dryness or cracking **EUH208**: Contains Butanone oxime, Cobalt bis (2-ethylhexanoate). May produce an allergic reaction. Substances that contribute to the classification: Distillates (petroleum), hydrotreated light (CAS: 64742-47-8); Solvent naphtha (petroleum), medium aliphatic (FP<=55°C) (CAS:64742-88-7); Naphtha (petroleum), hydrodesulfurized heavy, < 0.1 % EC 200-753-7 (CAS: 64742-82-1); Xylene (mixture of isomers) (CAS: 1330-20-7)

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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