

# Top floor varnish

**Technical Specifications**  
Date of issue: 27/06/2023  
Version Number: 1th

Acrylic-polyurethane, water-borne, highly resistant varnish for wood and concrete flooring. Reinforced with carbon fibers



TOP FLOOR VARNISH is a water-borne, hybrid, acrylic-polyurethane, one-component, outdoor flooring varnish with high performance and unsurpassed durability. Due to its advanced composition, reinforced with carbon fibers, it is an ideal product for application on all outdoor flooring made of wood or concrete, that is subject to heavy mechanical stress. It is distinguished for its supreme hardness and excellent resistance to abrasion and mechanical stresses. Moreover, it has strong adhesion, and unique physico-chemical properties such as water impermeability and strong resistance to impact, abrasion, adverse weather conditions, UV radiation, frequent washing with strong detergents, and contact with greasy substances. It is odorless, does not turn yellow and provides long term protection due to its reinforced composition with carbon fibers and its antifungal action.

- **New Hybrid Technology**
- **Reinforced with carbon fibers**
- **Excellent resistance to abrasion and mechanical stresses**
- **Increased hardness**
- **Particularly resistant to strong cleaning agents**
- **Not affected by sunscreen oils**
- **Does not turn yellow**
- **High Resistance to UV Radiation and salt water**
- **Antifungal**
- **Excellent spreading - working without splicing**
- **Outstanding performance & coverage**
- **First-class quality**
- **Odorless - User-friendly**
- **Applied on Wood Flooring, Cement Flooring, Wood Decking, Parquet Floors, Pergolas, Tables, Chairs, Paving**
- **Suitable for Indoor & Outdoor use**

## Fields of Application

Suitable for the decoration, protection, and maintenance of mainly outdoor wooden surfaces, such as decks, wooden deck chairs, parquet flooring, tables, chairs, pergolas, garden furniture, fences, as well as concrete floors, stairs, paving, storage rooms, pavements, etc. Thanks to its special hybrid composition, it maintains its elasticity and gloss over time, shows excellent resistance to scratches and impact, and is not damaged by contact with sunscreen oils, while it can be applied over old varnishes, renewing the appearance of wood. Designed to resist mechanical stresses, the damaging effects of solar radiation, seawater, and temperature changes.

## Surface Preparation

Surfaces must be dry and clean of dust, grease, oil, loose materials and peeling old paint. No priming is required for the preparation of wooden surfaces, new or not. If the timber to be used is new and belongs to the category of coniferous trees such as: Spruce-Pine-Swedish wood, then it is necessary to apply first a coat of VERNILAC's colorless AQUALASUR PLUS. If the timber belongs to the exotic wood category that is: Mahogany-Niangon-Oak-Iroko- Meranti, then it is recommended to apply one coat of VERNILAC's colorless TIMBERTONE CLASSIC. No primer is required for maintenance on concrete floors. On new concrete floor surfaces, it is recommended to apply one coat of VERNILAC's solvent-borne primer DUROCOAT or one coat of VERNILAC's water-borne primer VERADUR UNIVERSAL MICRO PRIMER.

## Thinning

5-10% with clean water

## Physical / Technical Characteristics

Viscosity	110±2 KU (ASTM D 562, 20°C)
Density	1,03 ± 0,01 Kg/L (ISO 2811.01, 20°C)

## Application

Stir thoroughly before use and occasionally during application. Apply by brush, roller, spray or airless spray 2 coatings of TOP FLOOR VARNISH on all outdoor or indoor structures made of wood, concrete, stone and pavements. Do not apply at temperatures below 8°C or above 35°C.



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## Drying - Repainting

Touch dry in 60 minutes. Recoat after 6 hours. Under cooler or humid conditions, allow longer times.

## Consumption

Approximately, 8-10 m<sup>2</sup> per liter, per layer, depending on the surface texture (absorption and porosity) and the method of application.

## Gloss Level

Available in matt.

## Storage

12 months if stored in factory sealed containers in a cool, dry place and temperatures ranging from 5°C to 40°C. Left over product must be stored in tightly resealed containers and similar conditions.

## Cleaning tools

Clean up tools and equipment with water, immediately after use. If needed, use soap or a household detergent solution. Do not empty waste water into drains or watercourses.

## Volatile organic compounds (VOC)

The maximum EU limit value (Directive 2004/42/CE) for this product [Category A/i "One-pack performance coatings", Type WB] is 140 g/l (2010). This product contains maximum 139 g/l VOC (ready for use).

## Packaging

MATT	750 ml	2,25 lt	7,50 lt
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## Safety information

Read the label before use. For detailed instructions - precautions, consult the Product Safety Data Sheet. Poison Information Centre: (+30) 210 77 93 777.



All the information provided in this technical data sheet is the result of the scientific knowledge of the company's personnel and the practical experience in product application. This document doesn't express or imply a guarantee as the company cannot control and bears no responsibility for the conditions and the manner of application, the adjustment and the modification of the product when used by the customer. The customer must confirm by his own means that the product is suitable for the intended use. The current version of technical data sheet withdraws all previous versions for this product.

