

Aqualasur IM 100

Technical Specifications

Date of issue: 15/07/2025

Version Number: 5th

Water-borne impregnating varnish for wood protection and decoration.
Protects from fungi and bacteria



AQUALASUR PLUS is a new generation, colored wood impregnating varnish, suitable for application on every exterior and interior wooden surface. It is water-borne, penetrates deeply in the wood's pore and prevents the growth of fungi and bacteria on the coating. It is ideal for application on any wooden surface, such as doors, windows, frames, trims, fences, pergolas, garden furniture and especially wooden surfaces in interior settings that lack adequate ventilation. It has exceptional resistance properties against harsh weather conditions, sunlight, moisture and frost. AQUALASUR PLUS is highly elastic, does not crack, blister or peel and provides long term protection and beauty that lasts.

Surface preparation

Ensure that the surface is in sound condition, free from dust, grease, resins and poorly adhesive materials. On bare timber, clean the surface from grease and resins, by using VERNILAC's nitrocellulose thinner N1, sand with a suitable abrasive paper and dust down. On previously painted wooden surfaces, remove completely all-loose and flaking paint or varnish, by using VERNILAC's PAINT REMOVER, sand smoothly with a suitable abrasive paper and dust down. During application, wood moisture should not exceed 14%. For enhanced maintenance and long term protection of woodworks against fungi, mold, blue stains woodworms and termites, pre-treatment with water-borne impregnating primer AQUALASUR EXTRA of VERNILAC is recommended.

Thinning

Not required. It is ready for use.

Physical / Technical Characteristics

Viscosity	11±1 sec (DIN 53211-CUP No4, 20°C)
Density	1,03-1,04±0,015 kg/lit depending on the type of base and shade (ISO 2811.01, 20°C)

Application

Stir thoroughly before use and occasionally during application. On a properly cleaned surface, apply by brush, spray or dipping 1-2 coatings of colorless or colored wood impregnating varnish AQUALASUR PLUS on every interior and especially exterior wooden surface. The final appearance of the wooden surface depends on the number of coatings that were applied, the absorption of the wood and the initial coloration of wood (natural or artificial). During application and drying time humidity should be below 75% and temperature above 10°C. For an exceptional finish and a water repellent surface, apply on top of AQUALASUR PLUS 2-3 coatings of VERNILAC's clear or colored, water based, acrylic varnish AQUACARE, depending on the desired color.

Drying - Recoating

Touch dry after 30-45 minutes. Recoat after 1-2 hours. Under cooler or humid conditions, allow longer times.

Coverage

Approximately, 10 m² per liter, per layer, depending on the surface texture and the method of application.

Color shades

Colorless.

Storage

It can be stored for 12 months in factory sealed containers, in a cool, dry place and temperatures ranging from 5°C to 35°C. Left over product must be stored in similar conditions and in tightly resealed containers.

Clean up

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.



Βιομηχανία βερνικιών & χρωμάτων varnishes & paints industry

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Volatile organic compounds (VOC)

The maximum EU limit value (Directive 2004/42/CE) for this product [Category A/f "Interior and exterior minimal build wood stains", Type WB] is 130 g/l (2010). This product contains maximum <65 g/l VOC (ready for use).

Packaging

Colorless	3 lt.	10 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.



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