



# TECHNICAL DATASHEET **WOOD VARNISH**

**Acrylic water-based varnish**

## **DESCRIPTION**

Acrylic mono-component varnish. Quick drying. Acrylic polymer-based varnish in water, leaving a translucent and uniform coat covering the wood's pores.

## **RECOMMENDED USES**

Easy application and brush stroke. Due to its thixotropy, it is perfect to apply as a finish coat for wood surfaces like furniture, doors, windows, carpentry, cabinetmaking and in general, all types of wood for indoors and outdoors. It is odourless since it is water-based. For that reason, it is advisable to use it in closed places. It protects the wood from water, heat, stains, impacts, etc....

## **CHARACTERISTICS**

- . It improves the wood's resistance and final appearance.
- . Soft and smooth finish.
- . Quick drying and hardening.
- . Excellent levelling and coverage.
- . It embellishes the wood, giving it colour, shine and protection.
- . It contains a UV filter to protect the wood from atmospheric elements (sunlight).
- . Washable and water-repellent.
- . Odourless. Solvent-free.
- . Cleaning with water.
- . Ready-to-use product.
- . Glossy, satin and matt.

## **TECHNICAL CHARACTERISTICS**

Main component:	Acrylic polymer in aqueous dispersion.
Appearance:	Glossy, satin and matt.
Paint thinner:	Water.
Weight solids:	36 ± 3% depending on gloss.
Specific weight:	1,05 ± 0,05 g/ml
Volatile organic compounds (2010):	Maximum 130 g/l
Colour:	Colourless.
Drying:	30-40 minutes to 20°C.
Sanding:	3-4 hours.
Repainting:	Minimum 2 hours.
Theoretical performance:	10-12 m <sup>2</sup> /l and coat (depending on the wood's absorption).
Packaging:	375 ml, 750 ml and 4 litres.



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### **APPLICATION**

#### **Surface preparation:**

##### **- NEW WOOD**

Wood must be dry, since humidity can cause a bad finish. It is advisable to apply a first coat of SURFACE FILLER when desired to apply varnish.

After a minimum of 2 hours, sand it with a fine grit sandpaper, always following the wood's grains. Remove the dust and apply 2 or 3 coats of our VARNISH. It is advisable to sand it between coats with a fine grit sandpaper and remove the dust.

##### **- WOOD WITH A PREVIOUS TREATMENT**

If the varnish is in a good state, sand the surface to tinge and improve adhesion. Remove the dust and apply 2 or 3 coats of water-based VARNISH. It is advisable to sand it between coats with a fine grit sandpaper.

#### **Instructions for use:**

Stir the content until it is uniform. Always apply on clean, dry surfaces without any dust, wax, grease, etc. **Spread in a uniform way in thin coats and following the wood's grains.** It is recommendable to apply it with brush, although it can be applied with roller and spray gun. It will be applied as it is shown on the container. For the application with brush and roller, if diluting is necessary, use a minimum amount of water.

For spray gun application, dilute it between 5-10 %. Usually, with 2 coats is enough, but more coats can be applied depending on the porosity and the need for protection of the material, following the instructions for repainting's times.

Never apply under 5°C or above 35°C.

### **OBSERVATIONS**

The characteristics of the product can be achieved once it is completely dry and hardened, as well as applied on the specified basis.

Consumption is theoretical and it depends on the state of the material. The real consumption will be determined for each construction work and its representative tests.

The data explained here is based on our current knowledge, laboratory trials and use in a particular circumstance with subjective opinions.

Due to the impossibility of establishing an appropriate description to each nature and state of each surface, it is impossible to guarantee the total reproduction for each specific use.

The manufacturer and the seller do not assume, except for specific written agreements, any responsibility coming from the use of our products, results, damage, etc., that can be presented in applications carried out according to our recommendations, since they are out of control of the company.

### **STABILITY AND PRESERVATION IN THE CONTAINER**

Preserve in a well-closed container, under cover and in a temperature between 5-30 °C.

The shelf life of the product in its original container and without opening is two years.

### **SAFETY AND ENVIRONMENT**

Special safety measures are not required since it is a product with a water base, except for the usual ones. Do not eat. Keep open containers away from children. Keep a good ventilation in case of an indoors application.

For more information, see the safety datasheet of the product.

Data indicated in this technical datasheet can be modified without prior notice.

**REVIEW: 04/04/2024**