



## Wood Protection & Treatment

# WOOD VARNISH AQUA

Technical Data Sheet

Reviewed: 06.06.2015



### DESCRIPTION

**WOOD VARNISH AQUA** is a transparent acrylic waterbased wood varnish for interior and exterior use. It is suitable for all wooden surfaces. It is odourless, easily applied and cures to a beautiful gloss or satin finish that enhances wood's natural beauty. It is highly elastic, does not peel or crack and contains UV filters for effective protection from the sun's ultraviolet rays. The final finish is water repellent and highly resistant to ageing.

### ADVANTAGES

- Odourless
- Contains UV filters
- Excellent penetration
- Highly elastic, does not peel, crack or blister
- Resistance to ageing
- Very easy application
- Interior and exterior use

### APPLICATIONS

- Protection of all wooden surfaces such as doors, windows, frames, claddings, furniture, cupboards etc.
- Maintenance of existing wooden surfaces, constructions and furniture.

### INSTRUCTIONS FOR USE SURFACE PREPARATION

**New wooden surfaces:** The substrate should be dry and free of dust, chalk, grease and all foreign material, which would affect adhesion. Grease and resins should be removed with nitro solvent. Repair imperfections with TEMPO wood putty. Light sanding if necessary to smooth surface. All wood knots should be treated with shellac.

**Previously treated wooden surfaces:** It is important to remove old varnishes with paint and varnish remover STRIPP N' CLEAN. Repair dents and imperfections with TEMPO wood putty. Follow with sanding washing and rinsing. Dust and chalk must be removed by scrubbing with warm soapy water and rinsed with fresh water.

### APPLICATION

1. After surface preparation apply one or two coats of **XYLOFARM AQUA** (contains fungicides) and allow drying thoroughly.
2. Smooth surfaces with sandpaper No 150-180 and then with No 250-300.
3. Apply one or two coats of **WOOD VARNISH AQUA** and allow to dry thoroughly. For areas with high humidity as well as for softwoods it is advisable to apply at least two coats.
4. Although surfaces may be used the day following application the secret to obtaining a durable finish is to allow the coating to cure for 10 days before exposing it to heavy use.
5. You must avoid to apply the varnish in heavily – thick coats, since it will wear rapidly.

### Maintenance

Wash occasionally with a mild detergent and water, and rinse thoroughly. Recoat when deterioration is observed.

**Important:** Wood must be dry (12-14% internal moisture)

### LEAD STATEMENT

**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.

### CLEANING

Tools must be cleaned immediately after use with water

### COVERAGE

9 - 12m<sup>2</sup>/Lt depending on wood absorption

### TECHNICAL CHARACTERISTICS

**Type:** Acrylic waterbased wood varnish

**Form:** Thixotropic liquid

**Color:** Transparent

**Odour:** Characteristic of acrylic resins

**Application:** Brush, roller, spray

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

**Thinning:** with clean water 5-10% (brush, roller), 20-25% (spray gun)

**Drying time:** Touch dry after 2 - 5 hours, recoat after 8-10 hours

**VOC (Volatile Organic Compounds)** EU limit value for this product category A/e Interior/exterior trim varnishes and woodstains, including opaque woodstains: 130 gr/lit (2010). This product contains max 60 gr/lit VOCs

### 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®

EVOCHEM S.A.

Tzavredella place 13341, Fyli, Attica, Greece

Tel.: 210 5590460, 210 5590155 Fax: 210 5590244

E-mail: info@evochem.gr Website: www.evochem.gr





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### PACKAGING

Gloss 750ml, 2,5Lt

PACKAGING	CODE	BARCODE
750ml Gloss	5662	5204094056621
2.5Lt Gloss	5663	5204094056631

### HEALTH AND SAFETY INFORMATION

**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 **P501:** Dispose of the contents/containers in accordance with the current legislation on waste treatment. **EUH208:** Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol, Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

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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EVOCHEM S.A.  
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Tel.: 210 5590460, 210 5590155 Fax: 210 5590244  
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