

6.6 Wood protection - stone varnishes & decorative coatings

DUROXYL Aqua Wood Protection/Conditioner

Water based clear
impregnating wood preservative



TECHNICAL SPECIFICATIONS

Form - Color	Liquid impregnating varnish - White, turns transparent when dry
Resin	Acrylic modified alkyd resin
Density	1.00±0.02 kg/lit
Solids by weight	15.0-17.0% w/w
pH	8.5±0.5
Gloss	Matte
Application temperature	From +10 °C to +35 °C
Dilution	The product is ready to use. Do not dilute
Drying time	Dry for use and ready for the finish coat, after 24 hours (approximately), depending on the ambient conditions (humidity, temperature).
Friendly to human and the environment	

V.O.C. (Volatile Organic Compounds):

Limit value of maximum V.O.C. content per EC (Directive 2004/42/EC) for the particular product (Class A1: 'Interior and exterior minimal build woodstains' Type WB): 130 gr/lit (2010). Ready to use product contains maximum 10 gr/lit V.O.C.

Approval registration number: TP8-0103.

CONSUMPTION

1lt/5-8m² per coat, depending on the type and the absorbency of the wood.

STORAGE

Store in closed containers under normal storage conditions for at least 24 months from production date.

SAFETY DIRECTIONS

The product needs no hazard labeling under current European and National legislation. However, it is recommended to keep away from the reach of children. If swallowed, seek immediate medical advice and show the container or label.

PACKAGING

Carton box with 12 pcs of 750ml each one
Carton box with 4 pcs of 2.5lt each one

PROPERTIES

Water soluble and impregnating wood preservative. It is highly durable and odorless. Friendly to human and the environment.

It penetrates deep into wood pores, thus protecting from fungi, mold, rot and blue stain etc. It remains active for an extended period of time thus protecting wood from rot.

It does not peel off, bubble up nor does it burst due to its impregnating action and flexibility. The product also functions as primer before the application of DUROXYL AQUA, the impregnating stain, available in 11 selected colors. Use it also as primer for the decorative varnishes, DUROLAC AQUA and MARINER AQUA of DUROSTICK.

APPLICATIONS

DUROXYL AQUA Wood Protection/Conditioner is suitable and it is recommended for both professional and residential applications, such as wood windows and doors, various linings, eaves and canopies, fences, pergolas as well as balcony and terrace railings etc.

Apply it also as preventive or even curing primer on all woodwork, to prepare and to accept any kind of color or clear varnish.

In cases where color varnish application will follow, it further ensures the even absorption of the varnish into the wood, resulting in color uniformity of the surface.

USE

1. Surface preparation

Correct preparation ensures excellent results on both new and existing wood surfaces. All wood surfaces must be clean, dry and free from dust and weathered sections.

During the application and the drying stages, the temperature has to be above +5 °C and the relative humidity of the space/area must not exceed 80%.

New wood surfaces (uncoated):

Before applying DUROXYL AQUA Wood Protection/Conditioner, surfaces have to be sanded with sandpaper (when needed), always following the wood grain. Completely remove all the dust. Once dry and if necessary, fill any holes using DUROWOOD wood putty of DUROSTICK, available in 15 colors.

Existing wood surfaces: Using the appropriate sandpaper, carefully remove any loose and/or peeling varnish from the surface. If the wood is infested with woodworm, spot apply the insecticide DUROXYL Wood Protection/Conditioner and, once dry, fill any holes using DUROWOOD.

Coat the surface with clear impregnating wood preservative DUROXYL AQUA Wood Protection/Conditioner or with DUROXYL, the color impregnating varnish, available in 11 colors, depending on the type of wood and the final color desired.

2.Application: Before any application, mix DUROXYL AQUA Wood Protection/Conditioner very well.

On wood surfaces, apply one coat of the undiluted product. The moisture content of the wood needs to be low to achieve deeper penetration of the product into the wood. For professional but also private use, apply it using a brush, a roller, or even a sprayer.

However, for industrial use it can be applied by dipping, by flow coating and by spraying.

Continue by applying up to 3 coats of DUROXYL AQUA color impregnating stain, depending on the final color and the type of wood.

Apply 1-2 coats DUROLAC AQUA (satin or gloss finish) or DUROSTICK MARINER AQUA (gloss finish), to maximize protection from ageing and adverse weather conditions (particularly intense sunshine) of outdoor surfaces.

CLEANING

Clean all tools with water, and continue with the use of a mild detergent, immediately after use.

