

## 6.6 Wood protection - stone varnishes & decorative coatings

# DUROXYL AQUA Waterborne impregnating color wood stain

### PROPERTIES

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

It penetrates deep into wood pores, thus waterproofing its surface. The product is suitable for modern style decorations.

It contains powerful, high tech UV filters for effective protection from the destructive action of ultraviolet rays of the sun. It ensures the protection of wood, while, at the same time, allows for its breathability. It does not peel off, bubble up nor does it burst due to its impregnating action and flexibility.

The clear finish varnish enhances the wood grain and color, highlighting its natural beauty.

DUROXYL AQUA is available in 11 selected colors that can stain light color woods. Additional 88 colors can be produced through the COLOR COLLECTION coloring system of DUROSTICK.

### APPLICATIONS

DUROXYL AQUA is applied to all types of woodwork on internal and external surfaces where permanent protection from sunlight and moisture is required. Apply it on doors, windows, furniture, as well as fences and pergolas.

Apply it also on wood sheds and overhangs, roofing beams, balconies and terraces, etc. Ideal for recoating and maintenance: Apply it directly on any wood surface, in a single coat without the need to sand the surface to the bare wood. Just light sanding is enough to remove the decorative varnish (if any exists).

### USE

#### 1. Surface preparation

Correct preparation ensures excellent results on both new and existing wood surfaces.

**New wood surfaces (uncoated):** All surfaces have to be sanded with the appropriate sandpaper.

Completely remove all the dust and if any tree resin exists, remove it with DUROSTICK THINNER 101. To maintain the natural wood color and protect it from fungi, mold, blue stain and rot, simply apply one coat of DUROXYL AQUA Wood Protection / Conditioner, the clear impregnating wood preservative of DUROSTICK.

Also use the product as primer to ensure homogeneity of wood absorbency and color uniformity when the subsequent use of DUROXYL AQUA, the impregnating color wood stain, follows.

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 materials and peeled varnish with the appropriate sandpaper.

Fill all the holes with DUROWOOD wood putty, as needed.

Finally, apply DUROXYL AQUA, the impregnating color wood stain, depending on the type of wood and the color desired.

#### 2. Application

Mix the product very well, especially the colored stain DUROXYL AQUA. All wood surfaces that will be coated, have to be of low moisture content.

Use a roller, a brush or dip the wood into the product to apply a clear coat of undiluted solvent based impregnating clear wood preservative DUROXYL AQUA Wood Protection/Conditioner of DUROSTICK, first.

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.

### COLOR CHART

	CLEAR		CHESTNUT
	PINE		LIGHT CHESTNUT
	OAK		DARK CHESTNUT
	OREGON		WILD CHERRY
	MAHOAGANY		CYPRESS
	TEAK		BLUE

Discrepancies between the color chart and the end result are due to the limited precision of the printing process



### TECHNICAL SPECIFICATIONS

<b>Form - Color</b>	Liquid impregnating varnish - 11 available colors and available in transparent finish. Produced in 88 additional, selected colors, through the DUROSTICK COLOR COLLECTION coloring system.
<b>Resin</b>	Acrylic
<b>Density</b>	1.02±0.01 kg/lt
<b>Solids by weight</b>	13.5-16.5% w/w
<b>pH</b>	8.0±0.5
<b>Gloss</b>	Matte
<b>Application temperature</b>	From +10°C to +35°C
<b>Dilution</b>	The product is ready to use. Do not dilute
<b>Drying time</b>	Approximately 30 min. (touch dry), depending on the ambient conditions (humidity, temperature).
<b>Recoating time</b>	After 1-2 hours, depending on the ambient conditions (humidity, temperature).
<b>Friendly to human and the environment</b>	

#### 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 Af: 'Interior and exterior minimal build woodstains' Type WB): 130 gr/lt (2010). Ready to use product contains maximum 35 gr/lt V.O.C..

### CONSUMPTION

1lt/14-18m<sup>2</sup> per coat, depending on the type and the absorbency of the wood.

### CLEANING

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

### 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