

# DUROXYL AQUA



## Waterborne impregnating color wood stain



### ■ PROPERTIES

Colored wood impregnation stain that is odorless, water-soluble, and of high strength. It penetrates deep into the wood pores, waterproofing its surface. It contains strong, advanced new technology UV filters, for effective protection against the destructive action of the sun's ultraviolet rays. It effectively protects the wood while allowing its breathability. It doesn't peel, bubble up, or burst due to its penetration and flexibility. It offers modern decoration possibilities. The clear stain enhances the wood grain and color, highlighting its natural beauty. DUROXYL AQUA is available in 11 selected colors that can stain light colored woods. Additional 88 colors can be produced through the COLOR COLLECTION coloring system of DUROSTICKK.

### ■ 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, fences, pergolas, wood sheds, overhangs, roofing beams, balconies and terraces, etc. Use it for interior and exterior spaces.

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

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

**New wood surfaces:** Surfaces have to be sanded with sandpaper (when needed), always following the wood grain. Completely remove all the dust and if any resin exists, remove it with DUROSTICK THINNER 101. For protection against wood-boring insects, fungi, mold, blue spots, and rot, a coat of the transparent impregnating preservative DUROXYL Aqua TOTAL WOOD PROTECTION is sufficient. Also use the product as primer (when changing wood color), to ensure evenness of the wood absorbency and the color uniformity when the subsequent use of DUROXYL AQUA will follow. Once dry and if necessary, fill any holes using DUROWOOD wood putty of DUROSTICK, available in 15 wood colors.

**Existing wood surfaces (\*):** Using the appropriate sandpaper, carefully remove any loose materials and

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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.

(\* ) If the wood is stained by difficult accumulated stains, such as oils, salts etc. it is recommended to clean it, using DUROSTICK WOOD CLEANER before the application. Rinse thoroughly with plenty of water and let it dry.

### 2. Application

On low humidity surfaces apply a coat of colorless preservative impregnation DUROXYL Aqua TOTAL WOOD PROTECTION, without dilution, using a roller or paint brush and then apply one to three coats of colored varnish DUROXYL AQUA, depending on the color of wood desired. For even greater protection against ageing and adverse weather conditions, especially intense sunlight for exterior surfaces, and to preserve the chosen color, it is highly recommended to apply one to two coats DUROLAC AQUA(satin or gloss finish) or DUROSTICK MARINER AQUA(gloss finish).

### ■ CLEANING

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

### ■ COVERAGE

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

### ■ STORAGE

Store in closed containers under normal storage conditions, for 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 12pcs of 750ml each one  
Carton box with 4pcs of 2.5lt each one

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

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

Limit value of maximum V.O.C. content per EU (Directive 2004/42/CE) for the particular product (Class A/e: 'Interior/exterior trim varnishes and woodstains', including opaque woodstains' Type WB): 130gr/lt (2010). The ready to use product contains maximum 35gr/lt V.O.C.

The technical specifications and directions of use contained in this technical data sheet are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.

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### COLOR CHART

	
CLEAR	PINE
	
OAK	OREGON
	
MAHOGANY	TEAK
	
CHESTNUT	L. CHESTNUT
	
D. CHESTNUT	WILD CHERRY
	
CYPRESS	BLUE

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