

DUROXYL AQUA



Waterborne impregnating color wood stain



PROPERTIES

Colored wood impregnation varnish, odorless, waterborne, high strength, friendly to human and the environment. It penetrates deep into wood pores, thus waterproofing its surface. 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. Suitable for modern style decorations. 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, fences, pergolas, wood sheds, 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

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),

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to ensure homogeneity 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 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 soiled with oils, salts etc. it is recommended to clean it, before the application, using DUROSTICK WOOD CLEANER. 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 shade of wood we wish. 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 water, and continue with the use of a mild detergent, immediately after use.

PERFORMANCE

Approximately 14-18m²/lt 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

TECHNICAL SPECIFICATIONS	
Form - Color	Liquid impregnating varnish - 11 available colors and available in transparent finish. Produced in 88 additional, selected colors, through the DUROSTICK COLOR 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	The product is ready to use. Does not dilute
Drying time	Approximately 30 min. (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 EC (Directive 2004/42/EC) for the particular product (Class A/f: 'Interior and exterior minimal build 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 brochure 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		CHESTNUT
	PINE		LIGHT CHESTNUT
	OAK		DARK CHESTNUT
	OREGON		WILD CHERRY
	MAHOGANY		CYPRESS
	TEAK		BLUE

Any discrepancies between color samples and the final result are due to precision shortcomings in the printing process.

DUROSTICK S.A.

MANUFACTURING OF ADHESIVES, PAINTS & MORTARS

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