

# DUROXYL Aqua TOTAL Wood Protection



Water-based clear impregnating wood preservative



## ■ PROPERTIES

Special preservative for wood impregnation, odorless, water soluble. It penetrates deep into the pores of the wood and protects it from termites and other wood-eating insects, fungi, mold, blue spots (rot, cyanosis, etc.) and rot. It remains active for an extended period of time and does not peel off, bubble up or 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 TOTAL Wood Protection 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

Proper 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 up to +35°C and the relative humidity of the space/area must not exceed 80%. The wood moisture during application must not exceed 18%.

**New wood surfaces:** Before applying DUROXYL Aqua TOTAL WOOD PROTECTION, 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.

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

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peeling varnish from the surface. On surfaces that are difficult to sand, it is necessary to use the corrosive and remover for paints and varnishes D-26 of DUROSTICK. After the varnish has been removed, clean the surfaces with water and allow for them to dry. Then, coat with clear impregnating wood preservative DUROXYL Aqua TOTAL WOOD PROTECTION and plaster with DUROWOOD where needed. Then continue (if a change of color is desired) with colored impregnation varnish DUROXYL AQUA with 11 colors.

(\* ) 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

Mix well DUROXYL Aqua TOTAL WOOD PROTECTION and apply one coat without dilution, using a roller or paint brush, in order to penetrate deeper into the wood. Continue by applying up to 3 coats of DUROXYL AQUA color impregnating stain, depending on the final color and the type of wood. 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 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 5-8m<sup>2</sup>/lt per coat, depending on the type, the absorbency of the wood, and the degree of protection necessary.

#### ■ 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 - White, turns transparent when dry
■ Density	1.00±0.02kg/lt
■ Solids by weight	6.0-7.0% w/w
■ pH	8.0±0.5
■ Gloss	Matte
■ Dilution	A ready to use product. 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).

#### 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 129gr/lt V.O.C.

Approval registration number: TP8-0120

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