

## 6.6 Wood protection - stone varnishes & decorative coatings

### DUROXYL Solvent based impregnating color wood stain

#### PROPERTIES

Water repelling and impregnating colored wood stain. The product offers the ability of modern decoration of wood surfaces. It is extremely durable to strong sunlight, UV radiation, moisture and rain as well as salt and frost. Protects against wood turning gray and black, due to time related wear. At the same time, allows for the much needed breathability of wood. Applies easily and decorates with 11 selected, available colors, covering every aesthetic requirement as it transforms light woods to the color of choice without affecting its natural grain. Resistant to time wear and fading. The stain is able to follow the expansions and contractions of wood, so it does not peel, bubble or burst.

#### APPLICATIONS

DUROXYL is applied to all types of woodwork on interior and exterior 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 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):** Before applying DUROXYL, all surfaces have to be sanded with the appropriate sandpaper. Completely remove all the dust and if any tree resin exists, remove it with THINNER 101 of DUROSTICK. To maintain the natural wood color

and protect it from wood boring insects, fungi, mold, blue stain and rot, simply apply one coat of DUROXYL Wood Protection / Conditioner, the solvent based clear impregnating wood preservative of DUROSTICK.

Also use the product as primer to ensure homogeneity of the wood absorbency and the color uniformity when the subsequent use of DUROXYL, 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. If the wood is infested with wood worm, it is necessary to apply DUROXYL Wood Protection / Conditioner, available in a practical 120ml packaging. Fill all the holes with DUROWOOD wood putty, as needed. Finally, apply DUROXYL impregnating color wood stain, depending on the type of wood and the color desired.

##### 2. Application

Mix the product very well, especially the color wood stain DUROXYL. All wood surfaces that will be coated, have to be of low moisture content. Use a roller or a brush to apply a coat of undiluted solvent based clear impregnating wood preservative DUROXYL Wood Protection/Conditioner of DUROSTICK, first. This first coat will deeply impregnate the wood surface and prepare it for the color varnish that will follow.

Continue by applying up to 3 coats of the color wood stain DUROXYL, 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, it is highly recommended to apply one to two coats of DUROLAC (satin or gloss finish) or MARINER (gloss finish) varnishes of DUROSTICK.

#### COLOR CHART

	PINE		CHESTNUT
	OAK		LIGHT CHESTNUT
	OREGON		DARK CHESTNUT
	MAHOGANY		WILD CHERRY
	TEAK		CYPRESS
			BLUE

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



#### TECHNICAL SPECIFICATIONS

Form - Color	Liquid impregnating varnish - 11 available colors
Density	0.85±0.04 kg/lt
Solids by weight	25±1% w/w
Solids by volume	19±1% w/v
Gloss	Matte
Application temperature	From +5° C to +35° C
Drying time	3-4 hours (touch dry), depending on the ambient conditions (humidity, temperature)
Odor	Light odor, odorless when dry

#### 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 A1f: 'Interior and exterior minimal build woodstains' Type SB): 700 gr/lt (2010). Ready to use product contains maximum 675 gr/lt V.O.C.

#### CLEANING

Clean all tools with THINNER 101 of DUROSTICK immediately after use.

#### CONSUMPTION

1lt/8-10m<sup>2</sup> per coat, depending on the type and the absorbency of the wood.

#### STORAGE

Store in shaded places away from any heat source, for at least 24 months from production date.

#### SAFETY DIRECTIONS

The product is classified as harmful and flammable. It is recommended to keep away from the reach of children and apply it in well ventilated areas. Before use, refer to the cautions on the product packaging or the Material Safety Data Sheet.

#### NOTES

- The durability of the product depends on its exposure to sun, moisture and frost, and ranges from 2 to 5 years when used outdoors and from 10 to 15 years when used indoors.
- Once dry, the product is harmless to health.

#### PACKAGING

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