



## SMALTOXYL hydro VARNISH

### PROTECTIVE & DECORATIVE WOOD ECOLOGICAL VARNISH

#### GENERAL CHARACTERISTICS

**Smaltoxyl hydro** is ecological, water based odorless protective and decorative low build stain varnish for every wooden surface indoor and outdoor. It enhances the natural value and beauty of wooden surfaces, without flaking and cracking. Due to its micro porous structure gives waterproof properties and at the same time leaves wooden surfaces to breath. Very easy maintenance and very good adhesion to old alkyd varnishes. Due to its composition and with the proper UV filters, the stain offers an effective sunlight protection as also protects the film from growth of mildew, wood rot and decay. Maintains its elasticity following wood's movements. Minimised content of hazardous substances. Reduced volatile organic compounds (VOCs).

#### TECHNICAL CHARACTERISTICS

- Texture** : Gloss & Satin
- Specific gravity** : 1,02-1,04 kg/lit.
- Covering power** : 15-20 m<sup>2</sup>/lit per layer depending on wood type.
- Dilution** : 5-10% on volume with water.
- VOC Class** : "Interior/exterior trim varnishes and woodstains." Type WB. VOC limit =130 gr/lit. Max VOC of product ready for use= 60 gr/lit. VOC: organic volatile compounds with boiling point < 250°C.
- Drying** : 1-2 hours touch free.
- Recoatibility** : Recoatable in 4-6 hours after application. These times prolong under cold and wet weather conditions.
- Shades** : **Gloss:** Transparent-Colourless.  
**Satin:** Transparent-Colourless and ready-made Shades.  
The final shade depends on the natural shade of the wood, the number of layers and the absorbency of the wood.

**PACKAGING:** 750ml & 2,5lt.

**APPLICATION EQUIPMENT:** Brush, roller, sponge.

### **SURFACE PREPARATION**

Clean the surface of dust, oil, cropped paints, and dampness, sandpaper well. New wood should be primed with one coat of **SMALTOXYL hydro Preservative** for better protection against fungi and insects.

### **APPLICATION**

Stir well. Apply two coats **SMALTOXYL hydro** on dry and absolutely clean surfaces, always on the direction of wood grains. Soft sanding in between two coats is proposed always on the direction of wood grains.

**Minimization of paint wastage:** for a surface of 10 m<sup>2</sup>, 1,2lt of paint is needed for two coats.

### **CLEANING TOOLS**

While working keep your equipment wet, either in the pot, or in the paint lauder. Strain well your tools from paint back to the pot and clean immediately with water and soap. Avoid washing materials entering into watercourses.

### **APPLICATION CONDITIONS**

Temperature 5-30°C and relative humidity lower than 80%. The maximum humidity of the wood should not be more than 18% for soft woods and 15% for hard woods. Contrary conditions may degrade product's quality.

### **STORAGE**

Store in a cool place, protect from freezing and sun exposure. Close the can well after application to keep in good condition. Recover unused paint for re-use. Reuse of paint can effectively minimize the product's life cycle environmental impact.

### **LABELLING**

Contains biocidal products [IPBC (55406-53-6)] for the preservation of the dry film. Do not dispose near surface water during or after use.

Contains 3-iodo-2-propynyl butylcarbamate (IPBC), 1,2-benzisothiazol-3(2H)-one (BIT), 2-Methyl-3(2H)-isothiazolone (MIT) & CIT/MIT. May produce an allergic reaction.

This product has been awarded with the Eco-label, eco criteria 312/2014/EE product category "indoor & outdoor paints and varnishes".



#### **Better for the environment ...**

- Minimized content of hazardous substances
- Reduced volatile organic compounds (VOCs): 60gr/lit
- Good performance for indoor use

**... better for you.**