

DUROLUX AQUA Waterborne acrylic enamel paint for wood & metal

PROPERTIES

Waterborne acrylic enamel paint. Distinguished for its long lasting, excellent whiteness that does not yellow over time. Apply it on new and existing surfaces already painted with solvent based enamel paints. Works easily and spreads evenly on surfaces without creating brush or roller marks (paint lapping). It has great performance and coverage. Its application creates a flexible surface with great resistance and durability to adverse weather conditions as well as frequent washing. The coated surfaces are highly resistant to chalking. The fact that is odorless as well as Friendly to human and the environment makes it ideal for children's rooms, schools, and hospitals.

APPLICATIONS

DUROLUX AQUA acrylic enamel paint is suitable for painting all kinds of wood constructs, such as doors and windows, as well as pergolas, fences and furniture. Metal surfaces have to be coated with a suitable corrosion protection first. Apply 2 coats METAL PRIMER of DUROSTICK. Once dry, continue with the DUROLUX AQUA application.

USE

1. Surface preparation

Proper preparation ensures excellent results on both wood and metal surfaces. All, to be coated surfaces have to be thoroughly clean, dry and free from rust, oils and dust.

New wood surfaces: Sand all surfaces using the appropriate sandpaper. Ensure antifungal protection using the water soluble wood preservative

DUROXYL AQUA Wood Protection/Conditioner. Once dry, spackle with STUCOFIX putty, or if necessary DUROWOOD as needed. Continue by applying 1-2 coats VELATOURA AQUA undercoat.

Complete the project by applying 2 coats DUROLUX AQUA, the enamel paint of DUROSTICK.

Existing wood surfaces: Carefully remove any loose paint with the appropriate sandpaper. Prime all surfaces with a coat of solvent based VELATOURA or VELATOURA AQUA (if needed). Following, apply 2 coats DUROLUX AQUA of DUROSTICK.

New metal surfaces: Carefully remove any rust, and clean with THINNER 101 of DUROSTICK or white spirit. Once dry, prime all the surfaces with two coats of METAL PRIMER. Finally apply 2 coats of DUROLUX AQUA of DUROSTICK.

Existing metal surfaces: Carefully remove any loose paint and rust using a grinder, coarse steel wool or the appropriate sand paper.

Prime with 1-2 coats METAL PRIMER (if the existing paint is flaking). Once dry, continue with 2 coats DUROLUX AQUA of DUROSTICK.

2. Application

The water based enamel paint DUROLUX AQUA can be applied with a roller, a brush or an airless sprayer. Dilute by 5-10% using clean water. Mix very well before use.

CLEANING

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



TECHNICAL SPECIFICATIONS

Form - Color	Thixotropic liquid - White
Colors	Pal and Transparent bases are colored via the COLOR COLLECTION system in any desired color. The white color of DUROLUX AQUA is colored in 120 PAL (light shade) colors via the DUROCOLOR system.
Resin	Acrylic
Density	1.22±0.02 kg/lt
Viscosity	1850±300 cP (spindle 3/20 rpm)
Solids by weight	50-52% w/w
Solids by volume	37-39% w/v
pH	8.50±0.50
Gloss	Satin, gloss
Block Resistance	0-1 (ASTM D 4946-03)
Hardness per König	50±15 sec (ELOT EN ISO 1522-00)
Gloss 60° (Gloss)	79-88 (ELOT EN ISO 2813-99)
Gloss 60° (Satin)	40-52 (ELOT EN ISO 2813-99)
Application temperature	From +10°C to +35°C
Dilution	5-10% by volume with clean water
Drying time	Approximately 1 hour (touch dry), depending on the ambient conditions (humidity, temperature)
Recoating time	After 5-6 hours, depending on the ambient conditions (humidity, temperature)
Friendly to human and the environment	

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

Limit value of maximum VOC content per EC (Directive 2004/42/EC) for the particular product (Class A/d: 'Interior/exterior trim and cladding paints for wood and metal' Type WB): 130 gr/lt (2010). Ready to use product contains maximum 12 gr/lt V.O.C.

CONSUMPTION

1lt/10-13m² per coat, depending on the absorbency of the substrate, the painting conditions and the application method.

STORAGE

Store in closed containers under normal storage conditions, for at least 18 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

