

## 14.01 – AQUALUR – Water-based Acrylic Enamel

**DESCRIPTION:**



Formulated with a 100% acrylic water-based dispersion, this enamel was conceived for the most diverse types of decorative finishes, either in the interior or in the exterior. It is a great substitute of the traditional synthetic enamels, providing a similar action and practically odorless. Can be applied on a large variety of substrates, such as wood, ceramic, concrete, traditional plaster, stucco, etc., and also on alkyd paints.

Versatile, besides being washable with water and detergents, it presents, among other advantages, the easiness of handling together with an easy dilution and cleaning of the material (with water).

Can be tinted in the BIG MIX system.

**FEATURES:**

- Easy to apply and odorless.
- Environment friendly product.
- High resistance and good elasticity.
- Good resistance to the humid scrubbing, and alkalis.
- Good resistance to fungus and algae apparition
- Excellent retention of the gloss and the color.
- Doesn't turn yellow.
- Excellent adhesion.
- Good resistance to blocking.

**SPECIFICATIONS:**

- **Density**.....1,220 ± 0,10 (p/ white color)
- **Viscosity**.....73-99ku (25°C)
- **Color**.....White, catalog colors, others
- **Finishing**.....Glossy, satiny and matte.
- **% Solids in volume** ..... 41±5%
- **Superficial drying** .....± 45 min.
- **Depth drying** .....± 24 hours.
- **Recoat**.....± 12 hours.
- **Flashpoint** ..... non-flammable
- **Tenor in CIT/MIT**.....< 15 ppm.
- **VOC (volatile organic compound)**....<sup>a)</sup> EU limit value set for this product cat. (A/b) 100 g/l (2010). This product contains a maximum of 35 g/l VOC (**Satiny**).
- **VOC (volatile organic compound)**....<sup>a)</sup> EU limit value set for this product cat. (A/a) 30 g/l (2010). This product contains a maximum of 29 g/l VOC (**Matte**).
- **Classification "Indoor Air Quality" in accordance to the French Regulation and the norm EN ISO 16000... A<sup>+</sup>** (LQAI.MC.34/18)
- **Reaction to fire classification:** B-s1,d0, according to the norm NP EN 13501-1:2007+A1:2009

**RECOMMENDED USE:**

Due to its qualities, “AQUALUR” is appropriated for wood paintings as well as for the painting of other materials used in the

civil construction, such as: metal, plaster, stucco, fiber-cement, “carapas” mass, wood, zinc etc., as long as properly prepared.

Versatile, of easy handling, “AQUALUR” constitutes the ideal solution for the decorative painting of doors, windows, furniture, walls (even those of kitchens and bathrooms), glass and tile, in houses, apartments, public buildings, etc.

Concerning the restoration of painted materials with alkyd enamels, its adhesion is excellent.

Being 100% acrylic, the colors are unalterable through time: the white doesn’t turn yellow, unlike what happens with the conventional enamels.

**SURFACE  
PREPARATION:**

All the surfaces have to be dry, firm, free of dust, grease and other contaminants.

The metallic surfaces have to be already properly protected with the appropriate anticorrosive primer, when necessary, that for a total water-based system we advise the use of “MULTINEUCE – Water Based Acrylic Multi-Use Primer”. Apply only “AQUALUR” after a soft sanding.

The wood surfaces have to be dry, clean, properly “prepared” with a coat of “NEUCECAPA – Synthetic Universal Undercoat” or “MULTINEUCE”, properly sanded (fine sandpaper) before the application of “AQUALUR”.

On plaster, stucco or “carapas” mass, to make sure that they are in great conditions to start the application and properly insulated with “AQUANEUCE - White Water Based Acrylic Primer”, and “MULTINEUCE”, before the application of “AQUALUR”.

Concerning repaints, a careful sanding of the former film is enough together with a cleaning to eliminate any dust, grease or other contaminants, followed by the repaint with “AQUALUR”.

**APPLICATION:**

Before to use, to homogenize well the product.

Is applied with a paint-brush, a roller or a spray-gun, in 2 to 3 coats, properly diluted with water, in a period of 12 to 24 hours.

**DILUTION:**

With water in the following proportions

1<sup>st</sup> Coat.....5% to 10%

Others.....up to 5%

**COVERAGE:**

On average and per coat: 10 to 12 m<sup>2</sup>/liter, according to the application method and the surface.

**CLEAN-UP:**

With water right after the application

**WARNING:**

This product is not irritant nor presents any risks of sensitization in a contact with skin. In spite of presenting no risks for health, it is advised to keep out of reach of children. For further information, the reading of our product **Safety Data Sheet** is essential

**STORAGE  
AND  
PACKAGING:**

Packages should be kept properly closed, in good environmental conditions of temperature and humidity, and spend the product on the chronological order of supply.

Use it, with preference, up to 2 years after its manufactured date, but it can also be used after this date, as long as a good homogenization of the product can be verified.

It is supplied in packages of 0.75lt, 4lt, 5lt and 15 liters.

Note a) The value of the VOC previously mentioned concerns ready-to-use products, according to the technical specifications that we recommend. We do not take any responsibility for other mixtures made to the product. We draw special attention to all our agents for the responsibility that they take by not respecting what the Directive 2004/42/CE establishes.