

Admixed resin to strengthen water-soluble coatings

UZIN PLASTOFOR

Additive resin for strengthening water-soluble colors.

Description:

Water-soluble PVA (polyvinyl acetate) emulsion with high content of active solids and excellent quality. Used as an additive for reinforcement in general uses of construction materials e.g., paints. By proportional admixing into water-based coatings (paints) increases their adhesion on mineral substrates, while at the same time strengthens their resistance to abrasion/washing, and to weather conditions.

Adding or manufacturing:

- ▶ Water based colors
- ▶ Plastic colors
- ▶ Primers

Product properties / advantages:

Water-soluble reinforcing emulsion that can be used for the initial manufacturing of architectural color paints. Alternatively, it can be added into existing color paints to enhance their adhesion, coverage, and resistance to abrasion/wash-off. Non-dangerous for human health and the environment.

Composition: Plasticized resin homopolymers with suitable auxiliaries.

- ▶ Enhance coverage
- ▶ Enhance friction/washout
- ▶ Improves adhesion
- ▶ Odorless without solvents
- ▶ Low emissions

Technical Data:

Package:	PE containers
Sizes:	900gr, 4.5kg and 12kg
Storage:	min 12 months
Liquid color/dry:	White/transparent
Viscosity:	120.000 ± 30.000 cps
Density:	1.19 Kg/lt (ISO 8962)
pH:	4.5 ± 0.5 DIN 53785 / ISO 1148
Consumption /coverage:	Depends on application
Min application temperature:	5 °C
Ideal working temperatures:	15 - 25°C substrate
Drying Time	10-30 minutes*

* At 20 °C and 65 % R.H. See also "Consumption Table".

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Application:

1. Allow the container to acclimatize, shake well before use.
2. Add the product into the existing coatings that you want to strengthen in the desired ratio and then mix well with an electric mixer until it is completely homogenized. Normally, its addition increases the viscosity.
3. If you want to prepare new watercolors, disperse UZIN PLASTOFOR in a clean container and add the accompanying ingredients.
4. Clean tools with water immediately after use.

Consumption data:

Consumption	Drying time
Depends on application	Approx. 30 minutes*

* At 20°C and 65% R.H.

Important notes:

- ▶ Shelf-life min. 12 months in original packaging when stored in moderately cool conditions. Re-seal opened containers tightly and use contents as quickly as possible. Allow product to reach room temperature before processing.
- ▶ Optimum working at 15 - 25 °C, substrate temperature over 15°C and relative humidity below 65 %. Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the drying time.
- ▶ Observe generally acknowledged industry and technology best practice, plus the respective applicable national standards. (e.g., EN, DIN).

Protection of the workplace and the environment:

Very low emissions. Odorless as well as ecologically and physiologically harmless when fully dried. **For allergy information, call the Poison Control Center +30 210 7793777 (Greece).**

Disposal:

Collect and reuse product residues wherever possible. Do not dispose of into the sewer system, open water, or the soil. Empty, plastic containers (scraped clean and drip-free) can be recycled. Containers with liquid residues are classified as special waste, as are collected liquid product residues. Containers with residues that have dried solid are classified as construction / household waste.