



TECHNICAL INFORMATION

DECOPUR AQUA



DESCRIPTION:

Aliphatic polyurethane enamel water based of two components, using as a curing agent aliphatic polyisocyanate, for the protection of floors of concrete or cement, metallic structures, wood, etc.

Features:

-) Excellent adherence over surfaces of concrete, metallic, wood, etc.
-) Hard coating, waterproof, elastic and high resistance.
-) High resistance against chemical attacks (acid, alkalis, grease, etc.).
-) High mechanical resistance.
-) Interior and exterior.
-) No yellowing.
-) With UV filter.
-) Eco friendly.
-) Tinting systems Decolor.

TECHNICAL DATA:

Fixed vehicle	Acrylic + poliol – aliphatic polyisocyanate.	
Colour	Charte colours RAL, NCS, Colourless.	
Gloss	Colours: Gloss. Colourless: Gloss, Satin.	
Solids by weight (A+B)	Colours: 57 – 47 % Colourless: 41 – 47 %	UNE-EN ISO 3251
Solids by volume (A+B)	Colours: 46 – 40 % Colourless: 39 – 35 %	UNE 48090
Specific weight (A+B)	Colours: 1.10 – 1.20 Kg./l (23 ± 2 °C) Colourless: 0.95 – 1.05 Kg./l (23 ± 2 °C)	UNE-EN ISO 2811-1
Theoretical spreading rate	8 – 10 m ² /l (7 – 10 m ² /Kg.) and coat. Take in mind application leaking, surface irregularities, etc.	
Recommended thickness	100 – 120 microns wet. Apply 2 to 3 coats as a finish.	
Total drying	2 – 3 hours.	UNE 48301
Repaint	12 – 24 hours.	
Pot life	> 5 hours.	
Solvent	Water.	
Reaction to fire	Class M-1	UNE 23727
Reaction to fire	Bs1d0	UNE-EN 13501-1:2007

EU limit value for this product (cat. A/j): 140 g/l (2010). Max. content VOC: 120 g/l

Pinturas Decolor

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Table of resistance against chemical products		
	6 hours	24 hours
Acetic acid 10%	R	A
Sulphuric acid 10%	R	R
Hydrochloric acid 10%	R	R
Ammonia 20%	R	R
Sodium hydroxide 50%	R	R
Isopropyl alcohol	R	R
Methyl ethyl ketone	R	R
Water	R	R
Sodium hypochlorite 10%	R	R
Gasoline	R	R
Brake fluid	R	R

R: resistant; A: attacked; D: destroyed

APPLICATION:

Paint of high performance for both interior and exterior of metallic surfaces, floors of cements and concrete (warehouse, parking, malls, supermarket, etc.) and wood, where is required a high resistance against chemical and mechanical attacks, avoiding the emission of any kind of solvent during application and curing.

INSTRUCTIONS FOR USE:

Application methods: brush, roller or spray.

Thinner and cleaning utensils: Water.

Painted surfaces must be dry and clean of dust, rust, grease, etc.

Mixing ratio: Component (A): 4 part in weight
Component (B): 1 part in weight

) Unpainted surfaces:

- Cement, concrete: Concrete must be cured for which 1 month should have passed from application. Apply on the surface hydrochloric acid (HCl) diluted 10-15% to neutralize the alkalinity of the cement, and then wash it and let dry. Apply a first coat diluted at 10% with water as undercoat. Apply next coats diluted at 5-10% with water.
- Metallic surfaces (ferric): Remove rust areas by manual or mechanical brushing. Apply ANTICORROSIVE EPOXY PRIMER AQUA before painting. Apply next coats diluted at 5-10% with water.
- Metallic surfaces (non ferric): Apply directly 2 coats diluted between 5-10% with water as a finish.

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- Wood: Apply directly 1 coat diluted to 15% with water as funds and two coats diluted between 5-10% with water as a finish.

) Painted surfaces:

- If the paint is in poor condition, remove completely and proceed as in unpainted surfaces.
- If the paint is in good condition, sand and apply DECOPUR AQUA.

In general we recommend:

-) Apply between 5 °C and 35 °C. The relative humidity should be between 80%.
-) Perfectly homogenize the product or shake, both the base (A) as then curing agent (B), before use.
-) Mix perfectly base and curing agent (A+B) until get a total homogeneous mixture using a mixer at low revolution. It is advisable to dilute first the component A before adding the component B for a correct homogenization. Once the you have made the mixture wait 10-15 minutes before applying.
-) The support must be 3 °C over the dew point.

PRESENTATION:

Colours

Plastic packaging: Component (A): 4 Kg.; 0.8 Kg.
Metallic packaging: Component (B): 1 Kg.; 0.2 Kg.

Colourless

Plastic packaging: Component (A) Colourless: 3 Kg.
Metallic packaging: Component (B) Colourless: 0.750 Kg.

STORAGE:

18 months in closed original container under roof and temperatures between 5 °C and 35 °C and protected from the weather.

ADDITIONAL INFORMATION:

The information contained in this document serves as a guide for the user but does not constitute a guarantee. For information about safety and the environment, please refer to the Safety Data Sheet.

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