



TECHNICAL INFORMATION

ENAMEL PUR 2C



DESCRIPTION:

Aliphatic polyurethane acrylic enamel solvent based of two components, using as a curing agent aliphatic isocyanate, for the protection of metallic structures (iron, steel, galvanized steel, aluminium), floors of concrete or cement, wood, fiberglass, some plastics, etc.

Features:

-) Excellent adherence over surfaces metallic (iron, steel, galvanized steel, aluminium), of concrete, wood, fiberglass, some plastics, 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.

TECHNICAL DATA:

Fixed vehicle	Acrylic – aliphatic isocyanate.	
Colour	Chart colours RAL, NCS, Colourless.	
Gloss	Gloss. 60°: >90 GU	UNE-EN ISO 2813
Solids by weight (A+B)	61 % White	UNE-EN ISO 3251
Solids by volume (A+B)	49 % White	UNE 48090
Specific weight (A+B)	1.15 – 1.25 Kg./l (23 ± 2 °C) White	UNE-EN ISO 2811-1
Theoretical spreading rate	10 – 11 m ² /l (8 – 9 m ² /Kg.) and coat. Take in mind application leaking, surface irregularities, etc.	
Recommended thickness	90 – 100 microns wet; 45 – 50 microns dry per coat. Apply 2 to 3 coats as a finish.	
Total drying	1/2 – 1 hour.	UNE 48301
Pot-life	4 hours.	
Repaint	4 – 6 hours.	
Solvent	Aromatic solvent.	

EU limit value for this product (cat. A/i): 500 g/l (2010). Max. content VOC: 480 g/l

APPLICATION:

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

Pinturas Decolor

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INSTRUCTIONS FOR USE:

Application methods: brush, roller or spray.

Application methods	Dilution	
Brush - Roller	5%	
Spray gun	10%	Nozzle hole: 0,055" - 0,070" (1,39 - 1,77 mm) Air pressure: 3,1 - 4,2 Kg/cm ² Work pressure: 0,7 - 1,4 kg/cm ²
Airless spray	10%	Nozzle hole: 0,011" - 0,013" (0,28 - 0,33 mm) Work pressure: 150 - 170 Kg/cm ² .

Thinner and cleaning utensils: ACRYLIC SOLVENT.

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

Mixing ratio: Component (A): 4 parts 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% as undercoat. Apply next coats without dilution.
- Metallic surfaces (ferric): Remove rust areas by manual or mechanical brushing. Apply EPOXY PRIMER AQUA or POLYVALENT PRIMER before painting. Apply two coats of ENAMEL PUR 2C for finish.
- Metallic surfaces (non ferric): Apply two coats of ENAMEL PUR 2C for 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 ENAMEL PUR 2C.

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.

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) The support must be 3 °C over the dew point.

PRESENTATION:

Metallic packaging: Component (A): 4 Kg.; 12 Kg.
Metallic packaging: Component (B): 1 Kg.; 3 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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