



## TECHNICAL INFORMATION

### DECO-EPOXY 2C – SOLVENT BASED



#### DESCRIPTION:

2-component epoxy gloss paint of high performance to protect concrete floors, cement, metallic structures, iron, etc.

#### Features:

- ) Excellent adherence to concrete and metal substrates.
- ) Glossy film coat, hard, elastic and highly resistant.
- ) High resistance to chemical attacks (acids, alkalis, oils, etc.)
- ) High mechanical resistance.
- ) Anti-dust performance for concrete floors.
- ) Interior use.

#### TECHNICAL DATA:

Fixed vehicle	Epoxy-polyamide resin	
Colour	Red oxide, grey (Ral 7037), green (L050 Nova approx.) and white.	
Gloss	Gloss.	
Solids by weight (A+B)	66 %	UNE-EN ISO 3251
Solids by volume (A+B)	54 %	UNE 48090
Specific weight (A+B)	1.20 – 1.30 Kg./l (23 + 2 °C)	UNE-EN ISO 2811-1
Theoretical spreading rate (A+B)	5 – 7 m <sup>2</sup> /Kg. (7 – 9 m <sup>2</sup> /l) and coat. Take in mind application leaking, surface irregularities, etc.	
Total performance (A+B)	2.5 – 3.0 m <sup>2</sup> /Kg.	
Recommended thickness	110 – 140 microns wet; 60 – 75 microns dry per coat. Apply 2 to 3 coats as a finish.	
Drying touch	3 – 4 hours at 23 °C and 55% relative humidity. Depend on air temperature and ventilation.	
Total drying time	6 – 8 hours at 23 °C and 55% relative humidity. Depend on air temperature and ventilation.	
Traffic	48 – 72 hours	
Full cure	7 days at 23 °C and 55% relative humidity, 14 days at 12 °C and 55% relative humidity.	
Pot mixing life	> 10 hours. The useful life of the mixture depends on the temperature and amounts mixed.	
Repaint	12 – 24 hours maximum.	
Solvent	Aromatic solvent and alcohols.	

EU limit value for this product (cat. A/j): 500 g/l (2010). Max. content VOC: 420 g/l

#### Pinturas Decolor

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Table of resistance against chemical products			
No affected or slightly attacked, after 12 month of expositions is advisable to protect again <b>+</b>	15% sodium hypochlorite 100% hydrogen peroxide Castor oil Methyl isobutyl ketone Xylene	Toluene White spirit Gasoline Pentane Hexane	Heptane Ethylene Tetrachlorethylene Ethanol
No affected after 6 month exposition after that partial attack <b>+0</b>	Acetone Pine oil Benzene Ethylene di-chloride Methanol	Butanol Di-Acetone Alcohol	
No affected after 1 month exposition after that partial attack <b>0</b>	Water Sodium hydroxide 20% Methyl ethyl ketone Ethyl acetate Tri-chloro ethylene	Ethanol amine Sec-butanol	
Non resistant -	Acetic anhydride Diethylene glycol Chloroform Ammonia Ammonia 40%	Benzyl alcohol 10% sulphuric acid in water 50% sulphuric acid in water Nitric acid 10% in water Hydrochloric acid 10% in water	Acetic acid 10% acetic acid in water Formic acid

#### APPLICATION:

Maximum performance protection of metal surfaces and concrete floors (ships, vessels, tanks, industrial, warehouses, car parks, supermarkets, etc.), which require a high resistance to chemical and mechanical attack. It is suitable for making an anti-dust treatment on the coating getting dirt not to stick.

#### INSTRUCTIONS FOR USE:

Application methods: brush, roller or spray.  
Thinner and cleaning utensils: EPOXY SOLVENT.

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

Mixing ratio:               Epoxy Enamel (A): 4 part in weight  
                                  Curing Agent 234 (B): 1 part in weight

) Unpainted surfaces:

- Cement, concrete: Concrete must first be cured for which 1 month must have elapsed since application. Treat the surface with hydrochloric (hydrochloric acid) diluted 10-15% to neutralize the alkalinity of cement, rinse and let dry. The surface should have a minimum roughness so it is recommending adequate the preparation by sanding with a diamond grinder or sand blasting. Apply the first coat diluted 10% with EPOXY SOLVENT as a primer or sealer, you can also use 2 parts of colourless component A + 1 part B + 2 component parts of the SOLVENT EPOXI. Successive coats apply without dilution or diluted at most 5%.

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- Metal surfaces: Remove rust spots by manual brushing or mechanic. Apply PRIMER EPOXY BI COMPONENT prior to paint. Subsequent layers applied without dilution or diluted at most 10%.

) 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 before to get a good adhesion.

In general we recommend:

- ) Apply between 10 °C and 35 °C. The relative humidity should be between 20-60%.
- ) 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 5 minutes before applying.
- ) The support must be 3 °C over the dew point. Apply only on clean, dry surfaces and with a temperature above the dew point to prevent condensation or humidity.
- ) In closed areas is necessary a good ventilation conditions during application and drying.
- ) Ventilation is essential to ensure good circulation of air in the area to paint during application and drying. Otherwise the curing of the product and the final characteristics of the same (gloss, chemical resistance, etc.) may be seriously affected. We recommend a speed of airflow between 0.1 and 0.5 m/sec.

#### PRESENTATION:

Metallic packaging:   Component (A): 8 Kg.  
                                   Component (B): 2 Kg.

#### STORAGE:

24 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.