



## TECHNICAL INFORMATION

### PRIMER DECO-EPOXY 2C-LD



#### DESCRIPTION:

2-component epoxy primer used as a primer or adhesion promoter on concrete substrates, cement substrates or epoxy mortars. Does not contain solvents (100% solids).

#### Features:

- ) Excellent adhesion.
- ) Great penetration power.
- ) Good adhesion in wet substrate with high percentage of humidity.
- ) Good capacity for reaction at low temperatures and high percentage of humidity.
- ) Indoor and outdoor use.

#### TECHNICAL DATA:

|                                                                   |                                                                                                        |                   |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------|
| Fixed vehicle                                                     | Epoxy.                                                                                                 |                   |
| Colour                                                            | Colourless.                                                                                            |                   |
| Gloss                                                             | Gloss.                                                                                                 |                   |
| Solids by weight (A+B)                                            | 100 %                                                                                                  | UNE-EN ISO 3251   |
| Solids by volume (A+B)                                            | 100 %                                                                                                  | UNE 48090         |
| Specific weight (A+B)                                             | 1.10 – 1.15 Kg./l (23 + 2 °C)                                                                          | UNE-EN ISO 2811-1 |
| Total performance (A+B)                                           | Primer: 2 – 3 m <sup>2</sup> /Kg. (0.30 – 0.50 Kg./m <sup>2</sup> )                                    |                   |
| Recommended thickness                                             | 300 – 500 microns wet; 300 – 500 microns dry.                                                          |                   |
| Traction adherence<br>(cement board/7 days at<br>23 °C/100 % dry) | > 1.5 N/mm <sup>2</sup> (break concrete)                                                               | UNE-EN ISO 4824   |
| Traffic                                                           | 48 – 72 hours                                                                                          |                   |
| Full cure                                                         | 7 days at 20 °C and 55% relative humidity.                                                             |                   |
| Pot mixing life                                                   | 35 – 45 minutes at 20 °C. The useful life of the mixture depends on the temperature and amounts mixed. |                   |
| Repaint without solvent                                           | 12 – 48 hours maximum.                                                                                 | 20 °C             |
| Repaint with solvent                                              | 24 – 96 hours maximum.                                                                                 | 20 °C             |
| Solvent                                                           | -                                                                                                      |                   |

EU limit value for this product (cat. A/j): 500 g/l (2010). Max. content VOC: 0 g/l

#### APPLICATION:

Epoxy primer of 2 components without solvents used as a primer or adhesion promoter on concrete substrates, cement substrates or epoxy mortars.

Good adhesion in moist substrate with high humidity percentage and good reaction capacity at low temperatures and high percentage of humidity, ideal when the humidity of the support equals or exceeds 4%.

#### Pinturas Decolor

Industrial Estate El Salvador Avenue 3<sup>a</sup>, Parcels 4 and 5

Apdo. 106 – 02630 La Roda (Albacete) Spain

Phone: +34 967 44 17 14

Fax: +34 967 44 33 54

E-mail: [dptotecnico@decolor.com](mailto:dptotecnico@decolor.com)

<http://www.decolor.com>



## TECHNICAL INFORMATION

### PRIMER DECO-EPOXY 2C-LD



#### INSTRUCTIONS FOR USE:

Application methods: brush, roller or spray.

Cleaning utensils: EPOXY SOLVENT. The hardened material can only be removed by mechanical means.

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

Mixing ratio: (A): 100 parts in weight  
(B): 60 parts in weight

- Cement, concrete: The concrete must first be set for which it must have been 1 month since its application.

The weak parts of the concrete must be eliminated and all possible defects of the support must be repaired.

The surface must have a suitable roughness, recommending its preparation by means of a sander with a diamond stone or shot blasting machine.

Low or medium porosity concrete: 1 layer of PRIMER DECO-EPOXY 2C - LD.  
1 x 0.30 – 0.50 Kg./m<sup>2</sup>

High porosity concrete: 2 layers of PRIMER DECO-EPOXY 2C - LD.  
2 x 0.30 – 0.50 Kg./m<sup>2</sup>

In general we recommend:

- ) Apply between 10 °C and 35 °C. The relative humidity should be between 20 – 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. Avoid excessive mixing to minimize the occlusion of air bubbles.
- ) Once the you have made the mixture wait 3 – 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): 4,8 Kg.

---

#### **Pinturas Decolor**

Industrial Estate El Salvador Avenue 3<sup>a</sup>, Parcels 4 and 5  
Apdo. 106 – 02630 La Roda (Albacete) Spain

Phone: +34 967 44 17 14 Fax: +34 967 44 33 54

E-mail: [dptotecnico@decolor.com](mailto:dptotecnico@decolor.com)

<http://www.decolor.com>



## TECHNICAL INFORMATION

### PRIMER DECO-EPOXY 2C-LD



#### 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.

---

#### **Pinturas Decolor**

Industrial Estate El Salvador Avenue 3ª, Parcels 4 and 5  
Apdo. 106 – 02630 La Roda (Albacete) Spain

Phone: +34 967 44 17 14 Fax: +34 967 44 33 54

E-mail: [dptotecnico@decolor.com](mailto:dptotecnico@decolor.com)

<http://www.decolor.com>