



**LANDECOLOR, S. A.**

FABRICA : Polígono Industrial n.º 1

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## DATA SHEET

1/3

### 2-COMPONENT EPOXY VARNISH (3:1)

**Two-component Epoxy Polyamide coating. Suitable for varnishing steel, concrete, plaster, bricks, tiles, and cold stores.**

#### PRODUCT DATA

- |                                    |                                       |
|------------------------------------|---------------------------------------|
| ➤ <i>Specific gravity:</i>         | 0,980 ± 0,05 g/cm <sup>3</sup> @ 20°C |
| ➤ <i>Viscosity:</i>                | 60 + 5 KU at 20°C                     |
| ➤ <i>Normal thickness of film:</i> | 25 microns                            |
| ➤ <i>Finish:</i>                   | Gloss                                 |
| ➤ <i>Air dry times (20°C):</i>     |                                       |
| <i>Dry to touch:</i>               | 4-6 hours                             |
| <i>Totally dry:</i>                | 16 hours                              |
| ➤ <i>Recoat time:</i>              | 16 hours                              |
| ➤ <i>Curing time:</i>              | 5-7 days (15-20°C)                    |

#### COVERAGE

**10-12 m<sup>2</sup>/lt**, depending on surface conditions.

#### SUPPLY AND MIXING RATIO

This is a two-component product presented in two separate containers (base and catalyst).

- |                        |                        |
|------------------------|------------------------|
| ➤ <i>Mixing ratio:</i> |                        |
| <i>Base:</i>           | 3 part in weight.      |
| <i>Catalyst:</i>       | 1 part in weight.      |
| ➤ <i>Mix life:</i>     | From 8-16 hours (20°C) |
| ➤ <i>Supplied in:</i>  | 9 kg metal containers. |



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## DATA SHEET

2/3

### 2-COMPONENT EPOXY VARNISH (3:1)

#### USES

Varnish especially designed for **industrial unit floors, garages, abattoirs, meat-processing industries, labs, stores, etc.**

High resistance to corrosion and abrasion.

Resistant to water, alkalis, a great number of chemical products, oils, solvents, grease, moderate acids (antacids), etc.

Also suitable for application **on tiles**, where it provides good adhesion.

Recommended also for **cold stores**, as it resists temperatures of up to  $-30^{\circ}\text{C}$  (once the paint is dry and cured; the same applies for food industry uses). Over time, low temperatures tinge the paint, but will not alter its specific properties.

Due to its specific properties, this product may not be applied at temperatures below  $7^{\circ}\text{C}$  or in environments exceeding 85% humidity.

#### SURFACES

Clean thoroughly the surface to be painted until all rust and grease have been removed.

The surface to be painted must imperatively be totally free of rust. Otherwise, rust would keep on developing under the primer film, rendering useless its anti-rust action.



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## DATA SHEET

3/3

## 2-COMPONENT EPOXY VARNISH (3:1)

### INSTRUCTIONS FOR USE

Please stir the product before use for the content of the container to reach full homogeneity.

The product may be applied using a spray gun, airless, brush or a roller. Thin paint using our Solvent for Epoxi until the adequate level of viscosity has been reached (20%).

Application conditions:	Pressure:	3 to 4 atm.
	Nozzle:	1 / 1.5 / 2 mm.
	Coats:	One light coat.

### STORAGE

Up to 24 months in original unopened container.

Please keep away from freezing temperatures and direct exposure to sunlight.



We guarantee the quality of our products in accordance with our general conditions of sales and supply. Our technical recommendations of usage, expressed verbally, in written form, or by means of tests, are offered to the best of our knowledge and current experience. They constitute simple indications which do not intend any liability on our part nor do they exempt customers from their need to check by themselves that the products supplied by us match their required procedures and goals by conducting their own monitoring checks and tests.

The application and usage of these products are outside our control. Consequently, customers exclusively shall be liable for these. We accept no liability for any results other than the ones shown here. Our safety recommendations shall not prevent customers from determining their own amounts subject to the conditions of their premises. We reserve the right to change the data in this sheet without prior notice as data evolve technologically.