



LANDECOLOR, S. A.

FABRICA : Polígono Industrial n.º 1

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## DATA SHEET

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### 2-COMPONENT EPOXY ZINC PHOSPHATE PRIMER

**Anti-corrosive rust lead- and chromate-free epoxy-polyamide primer for use as a base in highly resistant exterior paint systems.**

#### PRODUCT DATA

- |                             |                                       |
|-----------------------------|---------------------------------------|
| ➤ Specific gravity:         | 1.370 + 0.05 g/cm <sup>3</sup> @ 20°C |
| ➤ Viscosity:                | 80 + 5 KU at 20°C                     |
| ➤ Finish:                   | Semi-matt                             |
| ➤ Normal thickness of film: | From 50 to 60 microns                 |
| ➤ Air dry times (20°C):     |                                       |
| Dry to touch:               | 10-15 minutes                         |
| Dry without stickiness:     | 60-90 minutes                         |
| ➤ Totally dry:              | 2.50 hours                            |
| ➤ Recoat time:              | 8-10 hours                            |
| ➤ Grinding Fineness:        | 20 microns                            |

#### MECHANICAL TESTS

- |                             |                               |
|-----------------------------|-------------------------------|
| ➤ Persoz hardness:          | 180-210"                      |
| ➤ Erichsen cupping:         | 7 mm                          |
| ➤ Fold test:                | correct (5 mm mandrel)        |
| ➤ Adhesion:                 | 100% (cross-cut test)         |
| ➤ Tap test:                 | percutor 20 mm. Height 70 cm. |
| ➤ Salt spray corrosion test | 500 hours                     |

#### USES

This product features a great anti-rust power, very good hardness, adhesion, and flexibility. It has good fill properties and great hiding capacity and is highly resistant to chemical abrasion and water.

This product is adequate for preparing **metal surfaces, in particular light metals and their alloys.**

The use of an **inadequate solvent** will create paint adhesion problems.



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#### COVERAGE

**6-8 m<sup>2</sup>/kg**, depending on surface conditions.

#### SUPPLY AND MIXING RATIO

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

##### **A) METAL GREY**

- *Mixing ratio:*
  - Base: 4 part in weight.
  - Catalyst: 1 part in weight
- *Mix life:* From 10 to 12 hours.
- *Supplied in:* 4 L and 1 L metal containers.

##### **B) WHITE**

- *Mixing ratio:*
  - Base: 4 part in weight.
  - Catalyst: 1 part in weight
- *Mix life:* from 10 to 12 hours.
- *Supplied in:* 4 L and 1 L metal containers.

##### **C) GREENISH-GREY**

- *Mixing ratio:*
  - Base: 5 part in weight.
  - Catalyst: 1 part in weight
- *Mix life:* from 10 to 12 hours.
- *Supplied in:* 5 L and 1 L metal containers.



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## 2-COMPONENT EPOXY ZINC PHOSPHATE PRIMER

### COLOURS

Metal grey, white, greenish-grey.

### 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.

### 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, brush or a roller:

- **Spray gun:** Thin paint using our general-use nitro solvent until the adequate level of viscosity has been reached.  
Application conditions:    Pressure:    3 to 4 atm.  
   Nozzle:        1 / 1.5 / 2 mm.  
   Coats:        one light coat.
- **Roller and brush:** Apply a first coat thinned with 10% general-use nitro solvent, and a second coat as supplied.

Tools must be cleaned with general-use nitro solvent.



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### 2-COMPONENT EPOXY ZINC PHOSPHATE PRIMER

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#### 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.

Issued on 30 Jun. 11. This DATA SHEET supersedes all previous