



LANDECOLOR, S. A.

FABRICA : Polígono Industrial n.º 1

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## DATA SHEET

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### 2-COMPONENT POLYURETHANE LACQUER (4:1)

Two-component polyurethane lacquer suitable for protecting surfaces in contact with aggressive chemicals. For interior and exterior use.

#### PRODUCT DATA

- |                             |                                       |
|-----------------------------|---------------------------------------|
| ➤ Specific gravity:         | 1.200 ± 0.05 g/cm <sup>3</sup> @ 20°C |
| ➤ Viscosity:                | 95 + 5 KU at 20°C                     |
| ➤ Finish:                   | Gloss                                 |
| ➤ Normal thickness of film: | From 25 to 30 microns                 |
| ➤ Air dry times (20°C):     |                                       |
| Dry to touch:               | 1-2 hours                             |
| Dry without stickiness:     | 3 hours                               |
| Totally dry:                | 24 hours                              |
| ➤ Oven dry times (70-80°C): | 15 minutes                            |
| ➤ Recoat time:              | At least 2 hours air dry              |
| ➤ Grinding Fineness:        | 10 – 15 microns                       |

#### COVERAGE

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

#### USES

Use for all projects requiring the properties stated above.

This product may be applied on **wood, metal, and other surfaces**. Due to its extreme hardness and high resistance to wear, this is an ideal product for coating **concrete** and on **solid brick**.

It provides outstanding hardness and resistance to weather elements. It also features great elasticity and resistance to abrasion, animal and vegetable fats, oils, solvents, acids and alkalis, milk, coolants, water, and benzenes.



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## 2-COMPONENT POLYURETHANE LACQUER (4:1)

### SUPPLY AND MIXING RATIO

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

- *Mixing ratio:*
  - Base:* 4 part in weight.
  - Catalyst:* 1 part in weight.
- *Mix life:* From 8 to 9 hours.
- *Supplied in:* 4 kg and 1kg metal containers.

Please note: follow the mix ratio as indicated. This lacquer is very sensitive to humidity and should be kept away from this kind of environment. When needed, always use our Solvent for Polyurethanes.

This lacquer acquires total hardness 24 hours after application. However, this lacquer acquires a maximum degree of resistance to chemicals after 72 hours.

### SURFACES

The surfaces to be coated must be clean, consistent, and totally free of grease. Please strip surfaces in a bad condition.

### 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 or brush:

- **Spray gun:** Apply a first coat thinned with 25% Solvent for Polyurethanes , and a second coat as supplied, or with Solvent for Polyurethanes.  
Application conditions: Pressure: 3 to 4 atm.  
Nozzle: 1 / 1.5 / 2 mm.  
Coats: One light coat.

Tools must be cleaned with Solvent for Polyurethanes



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## DATA SHEET

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## 2-COMPONENT POLYURETHANE LACQUER (4:1)

### COLOURS

White.

### 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.