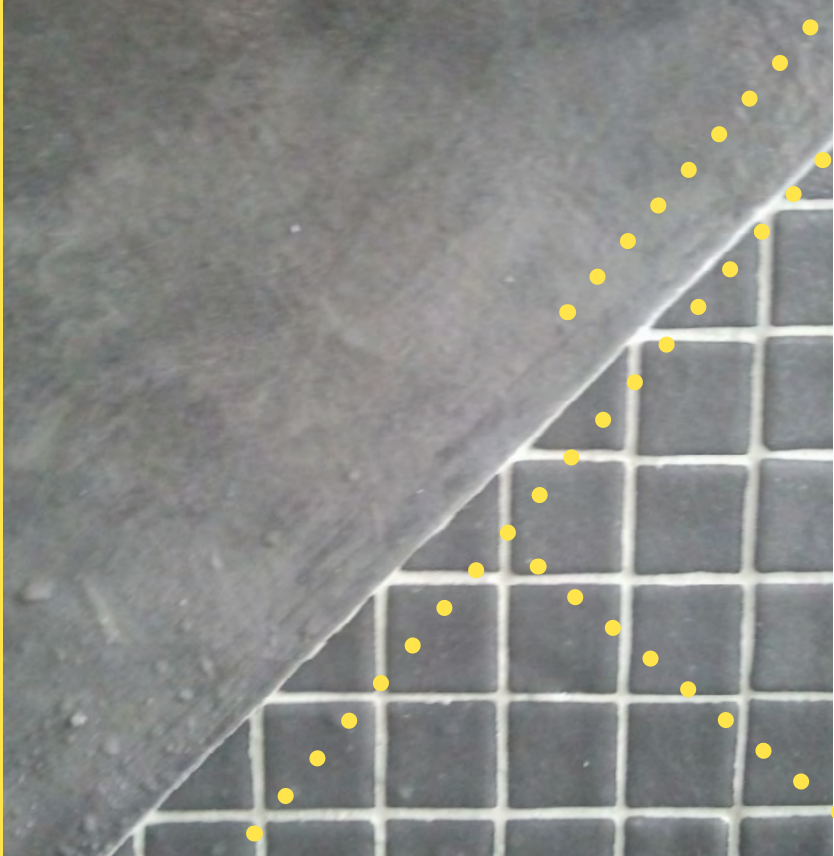


# PAVILAC DUR



## Description

Two-component lacquer composed of polyurethane resins via solvent that provides great resistance to any support, whether horizontal or vertical, giving it high hardness properties against bumps or scratches, as well as protection against atmospheric agents.

## Uses and fields of application

Two-component product, consisting of a component A, which is presented in the form of a liquid, practically odorless, ready for mixing with component B, a catalyst that appears as a viscous liquid. Once applied to the substrate, it becomes a protective film with excellent adhesion, high resistance to abrasion and very good chemical resistance.

Once mixed, it is suitable for coating and protecting floors and walls in commercial and residential spaces such as: Shops, offices, restaurants, lobbies, exhibition areas, households, parks thematic, garages, terraces, high traffic commercial premises, industrial warehouses, countertops, bathrooms and kitchens etc. Given its high adhesion power on almost all types of surfaces such as microcement, concrete, self-leveling, mortar, epoxy resins and polyurethane resins, they make it the ideal protection solution

of pavements and cladding, both in new construction and in rehabilitation, thus avoiding hassles and demolition costs of previous materials without increasing levels.

## Properties

- Transparent protective lacquer for floors and walls, great hardness and durability.
- Indoor and Outdoor Uses
- For cement, microcement and concrete-based pavements and coatings.
- Matt or satin effect. It does not present glazes.
- Great covering power. Permanence of the color of the support.
- Good resistance to aging.
- High chemical resistance.
- Great resistance to abrasion and impact.
- Impervious to the passage of water, grease and oils. Not suitable for standing water or swimming pools.
- High mechanical resistance.
- Stable against ultraviolet rays. It does not yellow.
- High adherence to supports of any nature.
- breathable
- Insensitive to atmospheres marine and corrosive.
- Prevents the accumulation of bacteria and fungi.
- Greenbuilding Philosophy.



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### Special precautions

- Do not apply below 10°C. Do not apply above 25°C.
- Do not apply with risk of frost, strong winds or direct sun.
- Use gloves and protective glasses for its use.
- Keep out of the reach of children.
- The support must be dry (humidity less than 3%).
- Low temperatures or periods of more than 48 hours between coats can cause coverage problems between coats.
- Tools and tools must be cleaned with solvent immediately after use. Once hardened, the product can only be cleaned mechanically.
- Empty containers must be disposed of in accordance with current legislation.
- To improve protection, the SATIN version can be applied first and then the desired version (satin or matt).

### Consumption

Consumption per layer is approximately 0.125kg per m<sup>2</sup>

### Presentation

Supplied in a 5kg Kit: PART A 4 Liter Metal Bottle and PART B 1 Liter plastic bottle.



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## APPLICATION RULES

### Supports and support preparation

#### Supports

- Floor and wall coverings with cement, microcement, concrete epoxy resins and polyurethane resins.
- Bathrooms, toilets, showers, countertops as long as there is no stagnation of water.
- Interior and exterior

#### Substrate preparation

- The support must be necessarily previously treated with our PRIMER DUR consolidator for the correct anchoring and effectiveness of the product.
- In all cases, it is essential to apply it on dry, clean surfaces, free of loads and other materials.
- Avoid application in the presence of humidity.
- On surfaces with a cementitious base, concrete, mortar ... this must be completely set (+ - 28 days) and free of humidity.
- Do not add any additives to the mix.
- Application temperature: 10-25°C.

#### Preparation of the product

Mix the "component A" (4 Liters) + "component B" (1 Liter) in said proportion in a homogeneous way. Mix the prepared product with a maximum of 10% SolventDUR, if applied by a roller, to improve its fluidity. Solvent will be essential to improve the application when temperatures (within the stated range) become extreme. It is important not to leave product build-up in the application.

#### Product application

Once the PRIMER DUR is dry, apply solvent-based PAVILAC DUR with a lacquer roller or continuous air gun, with a 1.6 (vertical) or 1.8 (horizontal) nozzle.

Once the first coat of solvent-based PAVILAC DUR is dry, after 6/12 hours, apply the second coat in the same way as the first time. Repeat the operation for the third layer.

It is mandatory to allow the product to set and cure for 7 days before being able to wash the applied surface or put it in contact with water and detergents.



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### Recommendations

- The smoother the support, the better the varnish layers will hold of the system.
- When varnishing between coats, enter with clean shoes or with against wear and tear as well as better waterproofing covers that avoid dirt between layers.
- Do not apply with strong winds or direct rainwater outdoors.
- ECOLANIC is not responsible for possible damage in the form of fissures, cracks or stains from a misuse of the product, application or deficiencies in both the direct and structural support.

### Technical data

|                                      |                                         |
|--------------------------------------|-----------------------------------------|
| <b>Consistency:</b>                  | A liquid B viscous liquid               |
| <b>Color:</b>                        | Semitransparent liquid                  |
| <b>Density (g / cm<sup>3</sup>):</b> | 0.974 gr / cm <sup>3</sup> ± 3% 41 ± 3% |
| <b>Solid content (%):</b>            | 23 "-25"                                |
| <b>Viscosity: (FORD COPA N°4):</b>   |                                         |

### Application data (at + 23 ° C and 50% RH)

|                                             |                                                       |
|---------------------------------------------|-------------------------------------------------------|
| <b>Mix ratio:</b>                           | comp. A: 80%<br>comp. B = 20%                         |
| <b>Consistency of mix:</b>                  | viscous liquid                                        |
| <b>Density of mix (kg / m<sup>3</sup>):</b> | 1.2                                                   |
| <b>Pot life of mix (min.):</b>              | approx. 6 hours                                       |
| <b>Allowable Application Temperature:</b>   | from + 10 ° C to + 25 ° C                             |
| <b>Initial Cure:</b>                        | 18-24 h / temperatures                                |
| <b>Full cure:</b>                           | 7 days                                                |
| <b>Time for foot traffic:</b>               | 24-48 hours / temperature                             |
| <b>Time for light traffic:</b>              | 5 days                                                |
| <b>Time for heavy traffic:</b>              | 7 days                                                |
| <b>Time for contact with water:</b>         | 7 days                                                |
| <b>Dry time to touch:</b>                   | 2-3 h / temperatures                                  |
| <b>Intercoat interval:</b>                  | 6/12 hours approx. at 23°C and 50% relative humidity. |
| <b>Maximum performance:</b>                 | 30 days after its application.                        |
| <b>Finishes:</b>                            | matte and satin                                       |

**\* These times may vary considerably depending on the ambient temperature**

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## Resistance Table. Final benefits

|                                        |           |            |
|----------------------------------------|-----------|------------|
| Hydrochloric acid 10 and 20%           | 500 hours | Unchanged  |
| Sulfuric acid 10 and 20%.              | 500 hours | Rust start |
| Distilled water                        | 8 months  | Unchanged  |
| 3.5% sodium chloride                   | 8 months  | Unchanged  |
| 20% sodium hydroxide                   | 15 days   | Unchanged  |
| Ammonia                                | 3 months  | Regular    |
| Isobutyl acetate                       | 8 months  | Unchanged  |
| White spirit                           | 6 months  | Good       |
| Salt mist 5% sodium chloride † 37-38°C | 8 months  | Unchanged  |
| Environment Humidity 80% and 40°C      | 3 months  | Good       |
| Environment Humidity 80% and 40°C      |           | Unchanged  |

### Slip resistance UNE-ENV 12633: 2003

With microspheres: Class III

### Slip resistance UNE-ENV 12633: 2003

Without microspheres: Class I

**Capillary absorption and water permeability:**  $W < 0.1 \text{ Kg} / (\text{m}^2 \cdot \text{h}0.5)$

**Color stability:** Excellent. Aliphatic, does not yellow outside.

**Unalterable at temperatures:** - 30°C to 60°C



## HEALTH AND SAFETY INFORMATION

For any information regarding safety issues in the use, handling, storage and disposal of chemical product residues, users should consult the most recent version of the Product Safety Data Sheet. Empty containers must be disposed of in accordance with current legal regulations.

## STORAGE CONDITIONS

- 12 months from the date of manufacture, in closed original container and sheltered from the elements. The storage and transport of component B at extreme temperatures must be prevented (Keep between 5° C and 30° C) to avoid possible damage to its composition. ECOLANIC will not be responsible for the misuse or storage of the product.

**NOTE:** Instructions for use are made according to our tests and knowledge and are not binding. They do not release the consumer from the examination and verification of the products for their correct use. The liability of the company will be limited to the value of the used merchandise.

## Descriptive memory

Three-coat application of PAVILAC DUR (MATT / SATIN) by Ecolanic, a two-component lacquer based on aliphatic polyurethanes, fast drying and high chemical and abrasion resistance. Satin or matte finish, for the protection of microcement, concrete, self-leveling pavements or previous epoxy or polyurethane resins after sanitizing, cleaning and preparing the support, previously apply PRIMER DUR primer from Ecolanic.