

# Pavilevel Pol Plus®

## Polyurethane self-levelling resin

It is a two-component polyurethane product, used as a self-levelling and resistant coating.



### Product

- 100% solvent-free solids.
- High chemical resistance.
- Excellent anchorage on concrete.
- Increases hardness and resistance to abrasion.

### Resistance table

- **Abrasion resistance** 20 mg (Taber, CS-10, 1000 g, 500 cycles)
- **Impact resistance** >14.7 N/m (UNE-EN-ISO 6272)
- **Adhesion to various substrates (EN 13892-8)** Concrete: 1.5 MPa  
Galvanised steel: 2.5 MPa (with PU Activating Primer)
- **Chemical resistance** Surface contact, 24 hours, 25°C (5=ok, 0=not recommended)
- **UV resistance** Aliphatic polyurethane protection (Colodur, Colodur ECO) is recommended where sun exposure is likely. Without this protection, colour changes are likely, although these do not lead to any loss of mechanical properties.
- **Thermal resistance and use temperature** Stable between -40°C and 80°C.
- **Gloss** 75% (at 60°)

### Curing time

25°C, 50% hr | Tránsito ligero 24 hs. | Total 7 días

### Commissioning

Under normal conditions light foot traffic is possible the next day. Proper curing for most uses takes approximately 3 to 4 days.

### Repainting

A second application of **Pavilevel Pol Plus** is possible up to 24 hours after verifying the drying (light traffic) of the first application.

### Applications

- Housing
- Factories, warehouses and industrial premises
- Garages
- Offices, restaurants
- Halls of community buildings (hospitals, residences, schools)
- Commercial areas

### Properties

- Quick installation and curing
- Solvent free
- Good abrasion and scratch resistance

### Supports

Concrete, cements, mortars.

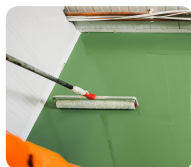
### Preparation of the support

- The substrate to be treated must have the following minimum mechanical strengths:
  - Cohesion:** minimum 1,5 MPa.
  - Compressive strength:** minimum 25 MPa
- The substrate must be completely free of water pressure or water vapour.
- The substrate must be clean, dry and free of any areas with minor or no adhesion, and with a moisture content of less than 4%. The substrate must be free of oil, grease, cured product and any substance that could interfere with adhesion.
- The substrate temperature shall be between 10°C and 25°C.
- If moisture is suspected in the substrate, a suitable primer shall be used.
- On new concrete or mortar, wait at least 21 days before applying this system to allow the substrate to dry.

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## Usage ways



Open the container of **component A**. Mechanically shake the product at low speed to avoid excessive air ingress. Homogenisation of **component A** should take approximately one minute. Then pour **component B** into the container of **component A** and mix in the same way for 1 minute. Pour the mixture into a larger container and check that there are no unmixed residues. Allow to stand for one minute before application.

Apply by pouring all the product from the container onto the surface and spreading it quickly with a spatula or notched trowel. It is advisable to have spiked shoes, and proceed to deaerate the finished product with a spiked roller, in crossed passes, up to a maximum time of 10 minutes after mixing.

Apply a layer of **Pavilevel Pol Plus** at 3 kg/m<sup>2</sup>, thus obtaining a thickness of approximately 2 mm.

## Associated products

\*Pavifloor



### Presentation

Pack A+B: 21.0 kg.+4.2 kg.

### Solids content

(%) 100

### Flash point

>100°C

### Color

Comp A according to pigmentation Comp B Brown

### Density

Temperature 25 (°C) Density (g/cm<sup>3</sup>) 1,46

### A/B ratio

A=100, B=19 by weight

A=100, B=24 by volume

## ! IMPORTANT

The remarks and prescriptions in this data sheet, although corresponding to our best experience, should in any case be considered purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.