

Pavisol Forte

Polyaspartic resin-based coating (A+B)

Two-component resin based on solvent-free polyaspartic additives, with excellent physical and chemical resistance.



Properties

- Excellent adhesion
- High wear resistance
- Resists ultraviolet rays
- Chemical and stain resistant
- Indoors and outdoors

Performances (25°C y 50% HR)

- Density of the mixture (22°C): 1,1 kg/l
- Specific gravity: 60:67
- Adhesion on concrete: >2 N/mm² (as multilayer)
- Abrasion resistance taber: <100 mg

**These results are standard test results and may vary depending on site conditions.*

Technical data

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|--------------------------------|--|
| • Packing | Pack 5 kg |
| • Application temperature | 5-30°C |
| • Consumption as paint | ±0,3 kg/m ² (1 layer) |
| • Consumption as self-leveling | 3-5 kg/m ² (5mm thickness) |
| • Color | Colorless |
| • Mixing ratio by weight | A=100 B=64 |
| • Pot life (50% HR) | 15°C >15min 25°C >10min 30°C >5min |
| • Dry to touch (50% HR) | 15°C 1,5hs 25°C 1hs 30°C 30min |
| • Pedestrian traffic (50% HR) | ≥8 hours (Depending on ambient temperature) |
| • Light traffic | ≥48 hours (Depending on ambient temperature) |
| • Repainting (25°C y 50% H.R.) | Minimum 60 min / Maximum 90 min |
| • Hardening (25° y 50% H.R.) | ≥7 días (Depending on ambient temperature) |
| • Tool cleansing | UNI solvent |
| • Storage | In original closed container (5-35°C),
protected from weather and humidity: 1 year. |

Uses

- It consists of a final coating based on polyurea polyaspartic polyurea of low thickness (< 500 microns), normally applied by roller.
- It consists of a first priming coat and 1 or 2 subsequent finishing coats.
- Excellent coverage and adhesion, with the possibility of anti-slip effect (multilayer system).
- Floors without joints and easy to clean.
- For the protection of floors with medium and high physical-chemical requirements (parking lots, sports centers, production and commercial areas...). Their aliphatic chemical nature allows them to resist UV light without the need for additional protection in outdoor applications. Its mechanical properties make it suitable for road traffic areas.

Support preparation

- The concrete substrates must be solid, dry (completely set if they are of new construction >28 days), level, absorbent, not contaminated with oils, detergents, powders or other substances.
- Evaluate the most suitable type of mechanical preparation (with use of abrasive machine, polisher, hydro-cleaner...) and apply a pass of Pavisol forte.
- The oily surfaces have to be roughened in depth and treated with **Pavisol forte + Quartz** primer already mixed or by sprinkling until saturation on the fresh product.
- On non-absorbent bases (ceramic, marble...), roughen, sand and vacuum, then apply a pass with Pavisol forte.
- On bases without guarantees of stability, create a reinforcement, adding to the system a fiberglass mesh.

Important

- For yellow, orange or some red shades, additional coats may be necessary to obtain a good coverage (in some cases a first coat in white is recommended).
- Different production batches of the same color may show small differences, so it is recommended to use material from a single production batch.
- Some colors based on organic pigments (reds, blues, greens and intense yellows) tend to fade when subjected to abrasion (either dry or wet). In these cases it is advisable to protect the color with a clear topcoat.

Pavisol Forte

Polyaspartic resin-based coating (A+B)

Application

- Pour the content of part B over part A, stir and mix with a low speed mixer.
- The mixing time is short, a minimum of 3 persons is recommended for the application.
- **As a primer or paint:**
Application by roller, airless..., on cement base with humidity <4%.
- **As a self-leveling:**
 - 1 part in weight of Pavisol forte duly mixed components A+B. 1 part in weight of **Quartz** of selected grain size.
 - 1 part in weight of **Quartz** of selected granulometry.
 - Apply the mass with a notched trowel of 2-6 mm. depending on the required thickness. After 5 minutes, pass a spiked roller in order to eliminate the occluded air.
 - The amount of pigment with respect to component A+B can vary between 1 to 10% according to the chromatic effect to be obtained.

Important

- Between coats, a minimum of 60 minutes and a maximum of 90 minutes must elapse. If this maximum is exceeded, a previous surface sanding must be carried out.

**In the case of a slight surface film appearing after drying, it disappears by cleaning the surface with soap and water.*

Usage way

- Mix the components A + B with a mixer at low revolutions for at least 3 minutes, until a perfect homogenization is obtained. (Never mix manually)
- The application (as paint) can be done with a roller, airless, brush...



Packing

Pack (A+B): 25 kg

Color

Neutral (RAL colors)

Consumption

According to support

Preservation

In original closed container (5-35°C), protected from weather and humidity: 1 year.

⚠ IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, 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.