

# Paviplast W

Water-based epoxy self-leveling epoxy (A+B)



## Properties

- Good wear resistance
- Easy to clean
- Excellent UV resistance
- Indoors
- Good water resistance.

## Description

- 2-component product:
  - Component A - Aminic resin in aqueous vehicle.
  - Component B - Epoxy resin in aqueous emulsion.
- The formulation allows to obtain a coating with high mechanical resistance.
- Hardening in presence of humidity and excellent permeability characteristics.
- Opaque appearance, fine anti-slip, easy to clean.

## Performances (25°C y 50% HR)

- Application temperatures: 5-30°C / RH<70%.
- Resistance to wear (BCA): AR 0,5 (43 µm)
- Impact resistance: IR >24,5 (N.m)
- Adhesive tensile strength: B 2.23 N/mm2

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

## Important

- Different batches of the same color may show some differences: when possible, use material from the same production batch.
- Some colors contain organic pigments (reds, blues, greens, dark yellows,...) and have a tendency to fade with wear or mechanical cleaning (either dry or wet). In such a case, it is advisable to protect the color with a transparent top coat.

## Uses

- Industrial pavements with heavy surface wear.
- Warehouse and commercial premises pavements subject to high traffic.

## Supports

- The support must have a mechanical resistance to compression >25 N/mm2 and traction >1.5 N/mm2.

## Technical data

• Packing	Pack (A+B): 25 kg
• Application temperature	5-30°C
• Consumption	According to support
• Color	Neutral (RAL colors)
• Dry residue	87,5% weight (ref. RAL 7038)
• Viscosity (a 25°C)	2.400 +/- 500 mPascal (spindle 2, rpm 5, ref. RAL 7038, 50% H.R.)
• Dosage (A+B)	A=100, B=14,7
• Peso específico (a 25°C)	2,00 +/- 0,05 g/ml (rif. RAL 7038)
• Pot life (50% HR)	10°C > 50min 25°C >30min 30°C > 20 min
• Dry to touch (50% HR)	10°C 20-24hs 25°C 6-8hs 30°C 3-5hs
• Pedestrian traffic (50% HR)	25°C ±12 hours
• Repainting (50% U.R.)	25°C ±18 hours
• Complete hardening (50% U.R.)	25°C >7 days
• Compressive strength (UNI 4279)	≥35 N/mm2 with 7 days of hardening (25°C and 50% H.R.)
• Hardness (ASTM D 2240)	> 80 Shore D
• Abrasion resistance (UNI 8298-9)	< 100 mg (TABER Mola CS-17-1000 turns - 1000g weight)
• Tool cleansing	Water
• Storage	In original closed container (5-35°C), protected from weather and humidity: 1 year.

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## Support preparation

- **Concrete bottoms:** They must be solid, level, absorbent, not contaminated with oil, dust or other substances. Verify the most suitable type of mechanical preparation (milling machine, sander...). On dry surfaces and without macro porosity, apply one coat of Paviplast epoxy with an approximate consumption of 0.1 kg/m<sup>2</sup>.  
- On surfaces with macro porosity and / or strong presence of moisture apply in 2 passes of **Ecofondo**, adding 25-50% of **Quartz b0** with a yield of 0.5-1 kg/m<sup>2</sup>.
- **Oily surfaces:** They must be treated with a deep milling machine and treated with **Pavex-2c primer** loaded with **Quartz b0**. Over the freshly applied product, spread **Quartz b2** to saturation. The same solution can be used to even out any irregularities in the base, such as marks left by the milling machine, and to consolidate bases that do not guarantee solidity.  
NOTE: This treatment reduces the breathability of the coating.
- **Ceramic backgrounds:** They must be treated with milling machine, sanding vigorously. Eventual not adhered slabs must be treated, restoring with Paviplast w loaded with **Quartz mix 3** (1 to 1 in weight). Proceed to screeding with **Ecofondo** loaded with 0.5-1 kg. with **Quartz b0** with a yield of approx. 1 Kg/m<sup>2</sup>.

## Application

- Prepare separately the mixture of the 2 liquid components A + B, pouring the contents of part B over part A of the container; mix carefully with a drill at low revolutions for at least 2 minutes.
- Spread the product quickly with a suitable tool.
- To uniform the surface and to promote the outflow of the occluded air, pass the appropriate spiked roller.
- The final coating has a finely anti-skid matte appearance.
- For a glossier finish, apply a clear or colored waterborne topcoat.
- To obtain coatings with higher mechanical strength and wear, load Paviplast w with 20% by weight of steel granules.

## Usage way

- **Neutral color:** Mix components A + B with a whisk at low revolutions for at least 2 minutes, until a perfect homogenization is obtained.
- **RAL color chart:** The application can be done with steel trowel, rubber...

## ⚠ 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.



### Packing

Pack (A+B): 25 kg

### Color

Neutral (RAL colors)

### Consumption

According to support

### Preservation

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