

PAVIPLAST W NEUTRAL COLOURED

Waterborne odourless self-levelling epoxy compound (A+B)

Description

2 components' product:

- Component A: waterborne amine resin
- Component B: waterborne epoxy resin

This product gives coating with very high mechanical resistance. It becomes hard in presence of humidity and it is highly permeable. Mat, slightly anti-slip and easy to be cleaned.

Uses

Industrial floors with high superficial wear.

Warehouses and commercial spaces with high wear.

Substrate

The substrate must have a minimum resistance to compression of 25 N/mm² and to traction of 1,5 N/mm².

Preparation of the substrate

- Concrete substrate have to be solid, leveled, absorbent, not polluted by oils, dust or any other substances. Choose the most convenient mechanical preparation (shot-blasting or grinding). On dry surfaces and without macro-porosities apply one layer of **PAVIWATER T68** for a consumption of 50 g/sqm. On surfaces with macro-porosities and/or humid, apply two layers of **ECOFONDO**, the first layer pure and by roll, the second one added with 10% **Quarzo B0** (total consumption of 0,700-0,800 Kg at sqm). Oily surfaces have to be deeply grinded and then applied with a layer of **FLUIDEPOX** added with **QUARZO B0**; when still fresh seed **QUARZO B2** till saturation. The same solution can be used to fill eventual not regular zones or to consolidate substrates which are not solid.



N.B.: with this treatment the coating is less transpirable.

- Substrates with tiles have to be strongly shot-Blasted. Non adhered tiles have to be removed and the hole filled with **PAVIRAPID**. Use as primer the **FLUIDEPOX FLEX** or **ECOFONDO**.

Application

Prepare the mix of the two liquid compounds (A+B), by adding the part B into the part A; mix it carefully with a drill mixer.

Apply it quickly using the trowel.

In order to uniform the surface use the spiked roller.

The final appearance is mat and slightly anti-slip. In order to obtain a more glossy finishing, apply one layer of waterborne top coating, transparent or coloured.

In order to obtain coatings with more mechanical resistance to wear, add **PAVIPLAST W** with 20 % in weight of steel granulates.

Technical Data

Colour	Neutral or following RAL card
Appearance	Mat
Density (rif. RAL 7038)	2,00 +/- 0,1 g/ml
Solid content (ref. RAL 7038)	87,5% in weight
Viscosity (ref. RAL 7038)	2.400 +/- 500 mPascal (Spindle 2, rpm 5)
Pot-life	at 25°C and 50% U.R. > 20 minutes
	at 30°C and 50° U.R. 30 minutes
	at 25°C and 50% U.R. 30 minutes
	at 10°C and 50% U.R. > 50 minutes
Tack free time	at 30°C and 50% U.R. 3-5 hours
	at 25°C and 50% U.R. 6-8 hours
	at 10°C and 50% U.R. 20-24 hours
Consumption	4 kg/sqm per 2 mm thick
Mixture ratio	A=100 B=14,7
Flash point	Not applicable
Walk-on time	at 25°C and 50% U.R. 12 hours
Over-coating	at 25°C and 50% U.R. 18 hours
Hardening in depth	7 days
Shore hardness D (ASTM 2240)	> 80
Resistance to abrasion (UNI 8298)	< 100 mg
	grinder CS-17-1000 rounds-1000 g
Application conditions	Temperatures between +10°C and +30°C e U.R. < 70%
Resistance to compression (UNI 4279)	35 N/mm ² , with 7 days hardening at 25°C and 50% U.R.
Solvent to clean the tools	Water
Storage	12 months, in a protected and dry place, at a temperature between 5°C and 35°C

WARNINGS:

Different batches from the same colour can show few differences: when possible, use material from the same production batch.

Some colours from organic pigments (reds, blues, greens, dark yellows, ...) have the tendency of losing colour when abraded (either on dry or on humid). In such a case it is advisable to protect the colour with a layer of transparent top coating.