RESIN FLOORING TECHNOLOGY
IMPERMEABLE COATING

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TECNICAL DATA SHEET
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ANCHORAGE AND CONSOLIDATING PRIMER

PAVIWATER T68

Waterborne transparent epoxy product (A+B)

Description

Waterborne 2 component epoxy product, based on amine and epoxy resins.

The product has a high solids content: the viscosity can be lowered by diluting with water.

The film has good mechanical properties and good resistance to solvents.

Uses

Transparent finishing on indoor floors.

Primer for resin coatings.

Dustproof primer for concrete surfaces.

For making resinous coverings which have been reinforced by glass fiber.

Substrate

The substrate must have a minimum resistance to compression of 25 N/mm^2 and to traction of 1,5 N/mm^2.

Preparation of the substrate

• Concrete substrate have to be solid, dry (seasoned time have to be respected when new), leveled, absorbent, not polluted by oils, cleaners, dust or any other substances. Choose the most convenient mechanical preparation (abrasion or shot-blasting). Highly absorbent and not polluted surfaces can be directly treated, but before doing so they have to be carefully cleaned up. Eventual holes or little cracks can be fixed with **PAVIRAPID** or **SIVITCOL**.

Application

Put the 2 compounds in one container and mix them carefully for at least 2 minutes by using a drill mixer.

Let the product de-aerate for a while, then add slowly, while continuous steering gently, the dilution water and mix it for at least 1 minute and apply quickly.

In the following chart there are the indication on timing to be respected, depending on the temperature:

Temperature in °C	10°	18°	25°	30°
Induction time	30’	20’	15’	10’
Application time	120’	105’	90’	70’

CAUTION: If induction timing are not respected, the final colour and gloss might not be uniform.

PAVIWATER T68 can be used as:

Transparent finishing (on not absorbent substrates): one part of product (A+B) + 0,5 parts of water, for a consumption of 70-150 g/m^2 (A+B)

Anti-dust for concrete surfaces: 2 layers of product (A+B) for a consumption of 100 g/m^2 (for each layer):
1° - one part (A+B) + 3 parts of water
2° - one part (A+B) + 1,5 parts of water

Binder for glassfiber coverings (with NET 300gr/sqm): one part of product (A+B) + 0,2 parts of water for a consumption of 0,700 kg/m^2 (A+B);
Then complete the cycle by making a coatings or waterproof floor coatings

Technical Data

Colour		Transparent, light yellowish
Density	at 25°C	1,00–1,05 g/ml
Solid content		68% in weight and in volume
Viscosity	at 25°C	16000 +/- 3200 mPascal (Spindle 2, rpm 1,5)
Pot–life	at 30°C	> 80 minutes
	at 25°C	105 minutes
	at 10°C	> 150 minutes
Tack free time	at 30°C and 50% U.R.	2,5-3,5 hours
	at 25°C and 50% U.R.	4-6 hours
	at 10°C and 50% U.R.	22-26 hours
Consumption		Depending on the application (see “Application”)
Mixture ratio in weight		A=100 B=67
Mixture ratio in volume		A=100 B=60
Flash point		Not applicable
Overcoat time	at 25°C and 50% U.R.	Min. 14 hours max. 36
Hardening in depth		7 days
Application conditions (*)		Temperatures between 10°C and 30°C. U.R. < 70%
Solvent to clean the tools		Water
Storage		12 months. Keep it in a dry place at a temperature between 5°C and 35°C
Maintenance of the coating		Neutral cleaners.

(*) The gloss of **PAVIWATER T68** is influenced by several different factors:

- Temperature of the material
- Humidity of the room
- Temperature of application
- Porosity of the substrate

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For the application of this product, the buyer engages to strictly follow what is indicated in this Technical Data Sheet and in the related Material Safety Data