RESIN FLOORING TECHNOLOGY
IMPERMEABLE COATING

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TECHNICAL DATA SHEET
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ANTI-STATIC COVERINGS

SUPERCONDUPLAST W

Waterborne Epoxy 3 component anti-static primer (A+B+C)

Description

Waterborne 3 component product, based on liquid epoxy resins with inorganic binders, added with carbon fibers, applied as anti-static primer for use on ground-up humid substrates.

It dissipates the electro-static charges not only through the thickness but also through the surface.

Usage

Primer for anti-static resin floor coating.

Electrically insulated resin floors coatings can also be made anti-static.

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

- The substrate have to be mechanically or manually cleaned up to eliminate parts which are not properly adhered, better when done by grinding or shot-blasting.
- On concrete substrates, apply one layer of **PAVIWATER T68** diluted 1:3 in water, for a consumption of 0,050 Kg/sqm.

Application

Put product B into the container of the product A and mix them carefully with a drill mixer for at least 2 minutes.

Add to this mixture(A+B) the hydraulic binder and keep mixing with the mixing device for 1 minute. Add little by little the powders and by keeping mixing for about 1 minute.

When used as a primer dilute in the ratio of 7–10% in weight with clean water.

As coating, add the system A+B+C, diluted with 7% of clean water, with the 10% of **QUARZO RESINATO B0** (0,04–0,25 mm) or the 10 % of **QUARZO RESINATO B1** (0,1-0,5 mm).

Apply by American trowel, roller or brush.

Technical Data

Color		Light grey, matty
Density		1,75 +/- 0,05 g/ml
Solid content		75% in weight
Pot – life	at 35°C and 50% U.R.	> 25 minutes
	at 25°C and 50% U.R.	45 minutes
	at 10°C and 50% U.R.	> 90 minutes
Tack free time	at 35°C and 50% U.R.	15-25 minutes
	at 25°C and 50% U.R.	25–35 minutes
	at 10°C and 50% U.R.	120 minutes
Insensible for water contact at 25°C and 50% U.R.		7-8 hours
Adhesion to concrete		> 3,5 MPa, adhered to substrate
Advisable layers		Min. 1 in function of the humidity contained in the substrate
Consumption	as primer	0,300 kg/m^2
	as smoothing (0,5 mm)	0,5 kg of product filled with 0,05 kg of QUARZO B1
	as smoothing (0,25 mm)	,35 kg of product filled with 0,035 kg of QUARZO B0
Ratio between compounds		A=100 B=28 C=125
Flash point		Not applicable
Application conditions		Temperatures between 10°C and 35°C and U.R. < 75%
Electrical resistance point to point		0,01 – 0,15 Mega Ohm
Solvent to clean the tools		Water
Storage		6 months, for part C
		12 months, for parts A and B
		Keep it in a dry and protected place, at a temperature between 5°C and 35°C

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L'acquirente si impegna a seguire tassativamente le avvertenze sopra riportate nell'applicazione del prodotto acquistato e le indicazioni della scheda di sicurezza.