

PAVIWATER ANTISTATICO

Waterborne Anti-Static Epoxy Coating (A+B)

Description

2 component colored top coating, based on waterborne epoxy-amine resins with carbon fibers.

The product has high solids content.

It has:

- Excellent wear resistance
- Easy to clean
- Good resistance to water, alkaline solutions, cleaners and hydrocarbons (oil, gasoil, petrol, etc.)

Uses

Finishing for conductive resin floors.

Suitable to renew the color on old resin floors.

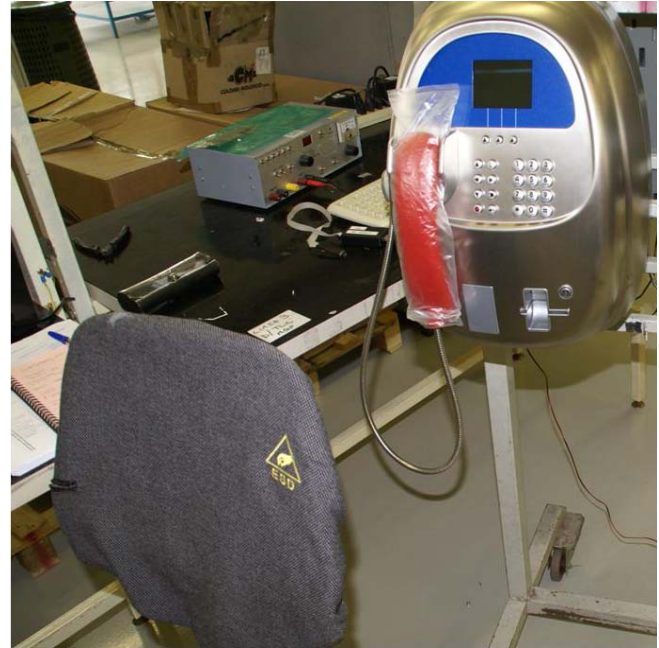
As Wall Paint.

Preparation of the substrate

- When used as top coating for anti-static coatings, apply it within the over-coat time.
- On totally already polymerized resin coatings, it is necessary to carefully abrade by using disks with grain 80, cleaning then properly.

Application

Put the two compounds in one container and mix them with a drill mixer. Let the mixture rest in the container and then add the dilution water (25% in weight), mix it again and apply it within short time.



In the following chart are indicated the time to be respected in function of the temperature:

<u>Temp. in °C</u>	<u>10°</u>	<u>18°</u>	<u>25°</u>	<u>30°</u>
Induct. time	30'	20'	15'	10'
Appl. time	120'	105'	90'	70'

CAUTION: when these times are not respected, the final appearance might not be uniform, due to the non constant colour and gloss effect.

PAVIWATER ANTISTATICO has to be applied by roll and with parallel movements to uniform the surface. Keep mixing the product in order to avoid the fibers to decant.

Technical Data

Color		Following RAL card (min. 150 kg)
Density (ref. RAL 7038)		1,150 +/- 0,05 g/ml at 25°C and diluted with 25% of water
Solid content (ref. RAL 7038)		58,2% in weight and 52% in volume and diluted with 25% of water
Viscosity (ref. RAL 7038)	at 25°C	13000 +/- 2600 mPascal (Spindle 2, rpm 2)
Pot - life	at 30°C	> 80'
	at 25°C	105'
	at 15°C	> 130'
Tack free time	at 30°C	2,5 - 3,5 hours
	at 25°C	4 - 6 hours
	at 15°C	18 - 22 hours
Consumption		0,09-0,10 kg/m ² of (A+B) by layer
Ratio between components		A=100 B=42
Flash point		Not applicable
Overcoat	at 25°C and 50% U.R.	min. 14 hours and max. 36 hours
Hardening in depth	at 25°C	7 days
Application conditions (*)		Temperatures between 15°C and 30°C and U.R. < 70%
Electrical character. of the coating (**)		1-10 MΩ
Point to point		
Solvent o clean the tools		Water
Storage		12 months. Keep t in a dry place at a temperature between 5°C and 35°C
Resistance to abrasion (TABER Mola CS-17-1000 rounds - 1000 g in weight) UNI 8298-9		55 - 65 mg
Maintenance		Neutral cleaners

(*) The glossy effect of **PAVIWATER ANTISTATICO** is highly influenced by these following factors:

- Temperature of the material
- Ambient humidity
- Temperature of the application
- Porosity of the substrate

(**) Cycle of **VERNICIATURA ESD**: Application of 90 gr/sqm of **PAVIWATER ANTISTATICO** on a film of **COATING ESD** (80 gr/sqm), applied on an insulating substrate.

CAUTION:

Different batches from the same color can have slight differences: when possible it is advisable to use material coming from the same batch.

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