

FINISOL ANTISTATICO

Solventborne polyurethane aliphatic paint (A+B)

Description

2 component product based on solventborne aliphatic polyurethane resins, added with carbon fibers. It has a good resistance to:

- UV aging action
- Chemical attack from acid stains and corrosive atmospheres
- Different types of acids

When cured, **FINISOL ANTISTATICO** provides a flexible film, which makes the product also suitable for metal surfaces.

Uses

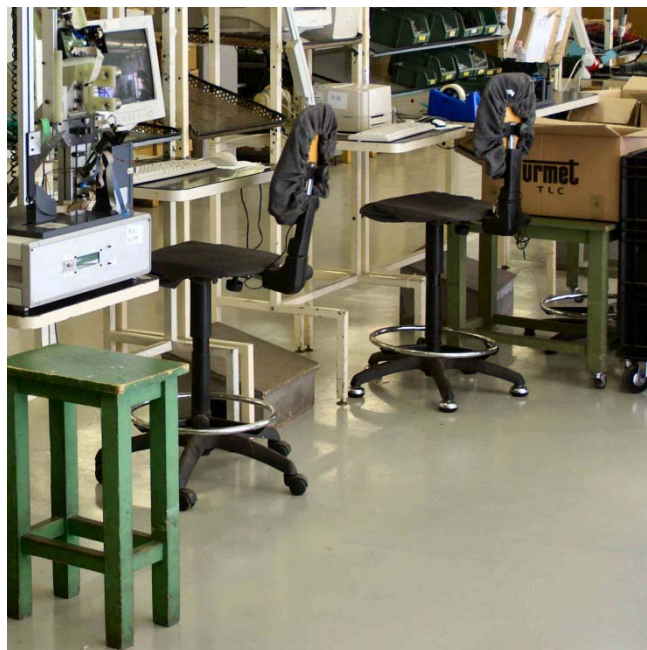
Top Coating for anti-static resin coverings.

Substrates

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

- As Top Coating of anti-static covering, it is necessary to act within the over-coating time.
- On already completely polymerized resin coatings, it is necessary to abrade carefully by using disks of grain 80, and clean very carefully.



Application

Put the 2 compounds in one pot and carefully mix them with a drill mixer.

FINISOL ANTISTATICO has to be applied by roller and by parallel movements, in order to uniform the surface. Keep mixing the product in order to avoid the decantation of the fibers.

WARNING: the product is solventborne, therefore use personal protection of the respiratory tract by using active carbons masks.

Technical Data

Colour	RAL card
Density (ref. RAL 7038)	1,310 +/- 0,05 g/ml at 25°C
Solid content (ref. RAL 7038)	68,5% in weight and 59% in volume
Viscosity (ref. RAL 7038)	550+/-100 mPascal (Spindle 2, rpm 50)
Pot-life	at 35°C > 2 hours
	at 25°C 3 hours
	at 7°C > 6 hours
Tack free time	at 35°C 3,5-5,5 hours
	at 25°C 8-10 hours
	at 7°C 24-28 hours
Consumption	0,090 kg/m ²
Mixture ratio in weight	A=100 B=21
Mixture ratio in volume	A=100 B=26
Walk-on time	at 25°C 24 hours
Overcoating	at 25°C min. 12 hours and max. 36 hours
Application conditions (*)	Temperatures between 7°C and 35°C and U.R. < 60%
Electrical resistance "point to point" (**)	1-10 MΩ
Solvent for dilution	Solvent UNI (do not use alcohols, glycols or other types of solvents, which can react with the isocyanite group)
Solvent to clean the tools	Solvent UNI
Storage	12 months. Keep it in a dry and protected place, at a temperature between 5°C and 30°C. The compound B reacts with the humidity of the air.
Resistance to abrasion (TABER Spring CS-17-1000 rounds - 1000 g in weight) UNI 8298-9	50 mg

(*) **FINISOL ANTISTATICO** have to be applied with a temperature of the substrate of at least 3°C higher than the dew point.

(**) Application of 90 gr/sqm of **FINISOL ANTISTATICO** on a film of **COATING ESD** (80 gr/sqm), applied on and insulating substrate.

WARNING:

There might be slight differences between different batches of the same colour. Therefore, when possible, it is advisable to use material coming from the same batch number.