

CYCLE - AUT03

01-04-2011

SELF-LEVELLING ANTI-STATIC

Self-levelling cycle which can disperse the electro-static charges and avoid dangerous electrical discharges (ESD).

Preparation of the substrate

The Concrete Substrate must be solid, dry, levelled, absorbent, not polluted by oils, cleaners, dust or any other substance.

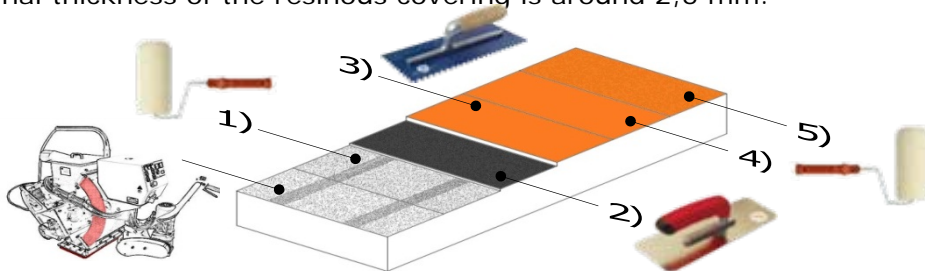
For new concrete substrate, the seasoning time must be respected.

Choose the most convenient mechanical preparation: Grinding or Shot-Blasting.

As this is a non-transpirant cycle, verify the presence of a vapour barrier as humidity from ground up has to be avoided. The concrete substrate must have a resistance between 10.000 and 100.000 Ohm.

Application

1. The porosity of the substrate must be saturated with a layer or **PAVIWATER T68**, applied by roll and diluted in the ratio of 1 to 3 with water, for a consumption of around 0,050 kg/m² A+B.
2. Apply by smoothing and with a trowel a layer of **SUPERCONDUPLAST**, mixed with 30% of **Quarzo B0**, for a consumption of **SUPERCONDUPLAST** of 0,40 kg/m².
3. When necessary, seal the expansion joints with **SUPERCONDUPLAST**, mixed in the ratio of 1 to 3 with **Quarzo B1** (very low consumption of product).
Apply the self-levelling coating **CONDUPLAST**, mixed in the ratio of 1 to 0,7 with **Quarzo B0**, for a consumption of **CONDUPLAST** of 2,0 kg/m². Distributing it equally with notched trowel and uniforming the surface with a spiked roller to take enable the de-airation.
4. When necessary, apply by roll a layer of **COATING ESD**, of the preferred colour, for a consumption of 0,08 kg/m².
5. After the previous coating, as final superface protection apply by roll a layer of **PAVIWATER ANTISTATICO** of the identical colour used as for the **COATING ESD**, for a consumption of around 0,09 kg/m².
6. The joints must be cut and sealed with the poly-urethane elastomer **SIGILFLEX**.
7. The final thickness of the resinous covering is around 2,5 mm.



Products

PAVIWATER T68 A+B: waterborne transparent epoxy resin

SUPERCONDUPLAST A+B: primer for anti-static covering

CONDUPLAST A+B: anti-static self-levelling resin

COATING ESD: waterborne anti-static coating

PAVIWATER ANTISTATICO A+B: waterborne epoxy coating for anti-static covering

SIGILFLEX: elastomer sealer

