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CICLO - RAS05 01-04-2011

ANTI-STATIC SMOOTHING

Smoothing 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.

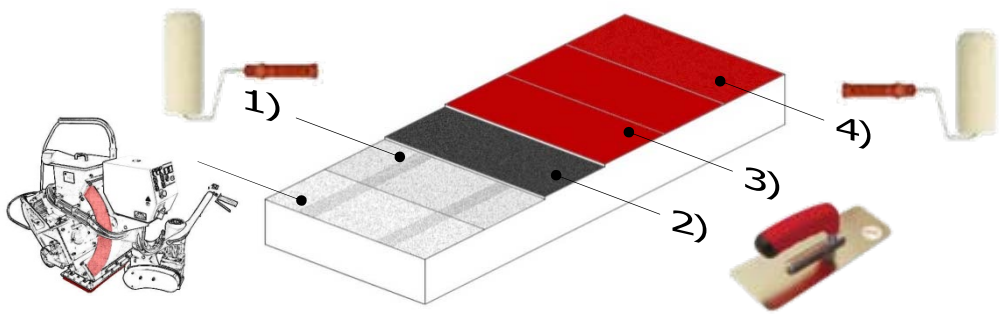
As this is a non-transpirant cycle, verify the presence of a vapour barrier as humidity from ground-up has to be avoided.

The concrete substrate must have a Electric resistance between 10.000 and 100.000 Ohm.

Application

1. The porosity of the substrate must be filled with a layer of **PAVIWATER T68,** applied by roller and diluted in the ratio of 1 to 3 with water, for a consumption of 0,050 kg/m^2 of A+B.
2. Smooth with a trowel the **SUPERCONDUPLAST**, added with 30% od **Quarzo B0**, for a consumption of SUPERCONDUPLAST of 0,40 kg/m^2.
3. When necessary, seal the expansion joints with **CONDUPLAST**, added in the ratio of 1 to 3 with **Quarzo B1** (very low consumption of product).
4. Smooth with a trowel the **CONDUPLAST**, added with 30% of **Quarzo B0**, for a consumption of CONDUPLAST of 0,30 kg/m^2.
5. When necessary, apply by roller a layer of **COATING ESD**, for a consumption of 0,08 kg/m^2 and as top coating apply by roller a layer of **PAVIWATER ANTISTATICO**, of the same colour as used for the **COATING ESD**, for a consumption of 0,09 kg/m^2 of A+B.
6. The joints must be cut and sealed with the poly-urethane elastomer **SIGILFLEX**.

The final thickness of the coating is around 0,8 mm.



Products

PAVIWATER T68 A+B: waterborne transparent epoxy resin
SUPERCONDUPLAST A+B: primer for anti-static coatings
CONDUPLAST A+B: anti-static self-levelling resin
COATING ESD: waterborne anti-static coating
PAVIWATER ANTISTATICO A+B: waterborne epoxy top coating for anti-static covering
SIGILFLEX: elastomer sealer

SMOOTHING