

CYCLE - AUT07

01-04-2011

SELF-LEVELLING, ANTI-STATIC, VAPOUR PERMEABLE

Self-levelling cycle, which can disperse the electro-static charges in humid floors.

Preparation of the substrate

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

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

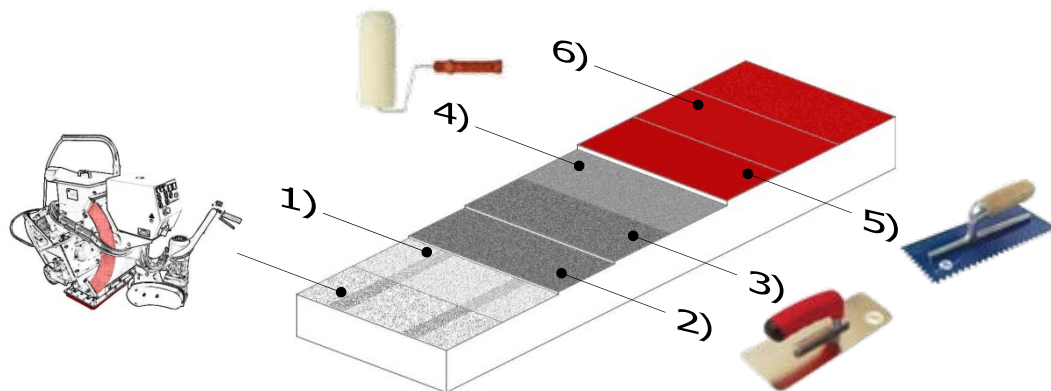
Choose the most convenient mechanical preparation: Grinding or Blasting.

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 around 0,050 kg/m² of A+B.
2. Set-up of electrical discharge points via copper strips in the near of the electric connectors.
Smooth with a trowel the **SUPERCONDUPLAST W**, diluted with 7% in weight of water and added with 10% of **Quarzo B1**, for a consumption of SUPERCONDUPLAST W of 0,50 kg/m².
3. Smooth (2° layer) with a trowel the **SUPERCONDUPLAST W** (7% in weight of water and 10% of **Quarzo B0**), for a consumption of SUPERCONDUPLAST W of 0,30 kg/m².
4. Apply by roller, one layer of **PAVIWATER T68** diluted in the ratio of 1 to 3 with water, for a consumption of around 0,050 kg/m² of A+B.
5. Apply the self-levelling coating **CONDUPLAST W**, for a consumption of **CONDUPLAST W** of 4,0 kg/m². On the still fresh product, use a spiked roller to enable de-aeration.
6. When necessary, apply by roller a layer of **COATING ESD**, for a consumption of 0,08 kg/m² and as top coating apply by roller a layer of **PAVIWATER ANTISTATICO**, of the same colour used for the COATING ESD, for a consumption of 0,09 kg/m² of A+B.
7. The joints must be cut and sealed with the poly-urethane elastomer **SIGILFLEX**.

The final thickness of resinous covering is around 2 mm.



Products

PAVIWATER T68 A+B: transparent waterborne epoxy resin

SUPERCONDUPLAST W A+B: waterborne epoxy 3 component anti-static primer

CONDUPLAST W A+B: anti-static waterborne epoxy self-levelling resin

COATING ESD: waterborne anti-static coating

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

SIGILFLEX: elastomer sealer

