

SYSTEM SELF-LEVELLING AUT03

Self-levelling anti-static

Colored self-leveling system for cementitious substrates free from rising damp, capable of dissipating electrostatic charges.

The system is based on epoxy resins with high-solid formulations, providing a thickness of 2.5–3 mm.

The products are treated with highly conductive additives to produce antistatic flooring, ensuring electrical conductivity sufficient to prevent the accumulation of electrostatic charges.

Typical applications of antistatic coatings include the chemical, electronics, and mechanical industries (particularly in areas with AGV trolleys), operating rooms, and environments where flammable or explosive atmospheres may be present.

Substrate Preparation

Concrete substrates must be solid, dry, leveled, absorbent, and free from oils, detergents, dust, or other contaminants. For newly cast screeds, allow the normal curing time. Assess the most suitable mechanical preparation method: grinding or shot blasting.

As this is a non-breathable system, check for the presence of a vapor barrier, and ensure that there is no rising damp (otherwise, use the AUT07 system). Additionally, provide grounding of the concrete to ensure a resistance between 10,000 and 100,000 Ohms.

Application

1. To saturate the substrate porosity, apply a coat of **PAVIWATER T68** with a roller, diluted 1:3 with water, at a consumption of approximately 0.05 kg/m². Install grounding points by applying copper strips near the electrical boxes. On the same day, level with a smooth trowel using **SUPERCONDUPLAST**, loaded 30% with **Quarzo B0**, at a consumption of 0.40 kg/m².
2. If necessary, fill expansion joints with **SUPERCONDUPLAST**, loaded 1:3 with **Quarzo B1** (product consumption is negligible).
Pour the self-leveling mortar **CONDUPLAST**, loaded 1:0.7 with **Quarzo B0**, at a consumption of 2.0 kg/m². While still fresh, roll repeatedly with a spiked roller.
3. Apply **PAVIWATER ESD** with a roller, diluted 10% with water, at a consumption of 0.10–0.12 kg/m².
4. Cut the coating along the concrete joints and seal with **SIGILFLEX** polyurethane elastomer.

The resulting coating thickness is approximately 2.5–3 mm.

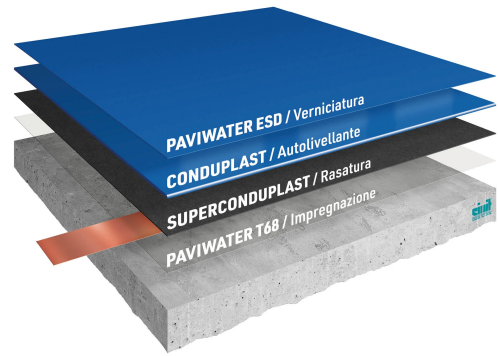
Used products

SUPERCONDUPLAST® A+B
PRIMER FOR ANTI-STATIC COVERING

PAVIWATER® ESD A+B
Waterborne electrostatic dissipative epoxy enamel

CONDUPLAST® A+B
Anti-static self-leveling resin

PAVIWATER® T68 A+B
Waterborne transparent epoxy product



The above information corresponds to our best scientific and practical knowledge and does not imply any guarantees and/or liability for Sivit, as the conditions of use are beyond our control. The purchaser is responsible for verifying the suitability of the products for the specific case.

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