PROJECT-SPECIFIED ELECTROSTATIC-CONTROL FLOOR SYSTEM

TENSYL Anti-Static Epoxy Flooring

TENSYL Anti-Static Epoxy Flooring is a project-specified floor system for industrial areas with defined electrostatic-control requirements.

SYSTEM ROLES

Compatible floor system	Complete project-selected manufacturer system.
Electrical interfaces	Designer-specified and reviewed connections.
Footwear and conditions	Project-specified footwear and operating conditions.
Recorded measurements	Project test methods and acceptance criteria.



Point-to-point floor-resistance test.



Electronics assembly areas have project-defined electrostatic-control requirements.

Uses and benefits

Electrostatic-control areas

For electronics assembly, testing and other processes within an ESD-control programme, with specified footwear and separately designed electrical interfaces.

Industrial floor requirements

The specification combines electrical requirements with mechanical duty, traffic, chemical exposure, cleaning, finish and slip requirements.

Material and application

Selected build-up	The complete selected manufacturer system determines compatible substrate preparation, primer, any required conductive arrangement, wearing layer and accessories.

Application notes

Substrate soundness, contamination, existing coatings, moisture and rising-moisture risk, cracks and joints determine selection and preparation. An agreed representative sample and inspection plan verify finish, bond and electrical performance with specified materials, footwear and test conditions before wider work.

The ESD designer, electrical-interface designer, installer and acceptance authority have distinct responsibilities. The responsible designer specifies electrical connections and changes; qualified personnel carry out this work under the area's ESD-control and electrical-safety requirements.

Component instructions govern handling, ventilation and exposure controls. The selected method includes records of batches, readings, stage acceptance and deviations, plus conductive-layer checks before covering where required.

The project test plan sets the applicable standard and edition, electrical behaviour, numerical pass limits, instruments, conditioning, sampling locations and footwear. The illustration shows point-to-point floor resistance only. Floor-to-ground resistance, person/footwear/floor resistance and body-voltage tests are separate. No reading, pass result, test spacing, electrical limit or certification is established, and no EN compliance is claimed.

Return to service follows signed project acceptance after specified cure, conditioning, cleaning and tests. Records cover readings, failures, corrective actions and retests. Handover includes component records, test reports and as-built electrical-interface records, with approved cleaning, repairs and periodic verification agreed with the maintenance owner.

System overview. The selected system specification and component technical and safety data sheets govern application and handling.