POLYMERS

Your Perfect Flooring Solutions

ESD CONDUCTIVE FLOORING SYSTEM

APPLICATION AREA:

1. CLEAN ROOM
2. WAREHOUSE
3. ASSEMBLY AUTOMOTIVE PLANT
4. ELECTRONIC PLANT
5. RESEARCH AND DEVELOPMENT LAB

WHAT ANTI-STATIC RESIN FLOOR?

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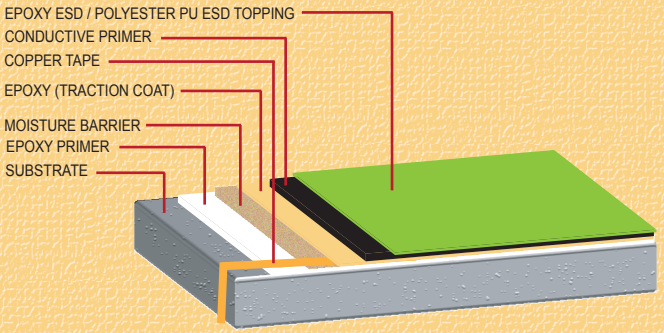
Concrete floors are normally sufficiently conductive, anti-static or will allow Electro-Static Discharge (known as ESD events), due to their pore water dissipating any electrostatic charges on the surface. However all normal resin flooring used to provide a harder wearing, hygienic, easily cleaned, decontaminable or chemically resistant floor finish, is an effective natural insulator applied over this 'conductive' surface.



APPLICATION THICKNESS : 0.5MM-2MM

Applications for Conductive / Anti-Static / ESD Resin Flooring

In certain industrial environments the presence or attraction / adhesion of dust may also present an explosive risk or other static electricity problems. In areas where volatile substances, gases, powders or liquids are processed, stray electric currents are equally undesirable and potentially dangerous. All of these areas and environments will have requirements for Antistatic / Conductive / ESD resin flooring systems.

These specific industries include: High –tech electronics, semi-conductor production and processing, computer rooms, automotive manufacturing, aerospace, fireworks and munitions, high performance laser and optical systems, biotechnology, pharmaceutical, medical environments, powdered foodstuffs and many other specific industry requirements. The specific areas within these industries and facilities that require some level of conductive resin flooring include production and assembly areas, paint shops, storage and handling facilities, clean rooms, computer rooms and many others.

Standards for Anti-Static / Conductive / ESD Resin Flooring

In the UK the Standard that frequently used to be specified was BS 2050 (now withdrawn), but this only determined the electrical resistance required across the floor surface (between two 25 mm square electrodes placed 50 mm apart). It did not consider the resistance through the thickness of the flooring onto the concrete base, or the resistance to earth, from the surface to the ground, both of which are now known to be very important factors.

	ANSI/ESD S-20.20-2007	BS 2050	BS 6920
BC-PRIME WB AS	✓	✓	✓
BC-GARD SLAS	✓	✓	✓
BC-CRETE MF AS	✓	✓	✓
BC-DECK UV AS	✓	✓	✓

TESTECH SIRIM QAS INTERNATIONAL SETSCO

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BUSINESS NATURE	:	MANUFACTURING OF POLYMERS FLOOR COATINGS

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