Blue Sky System Pvt.Ltd.

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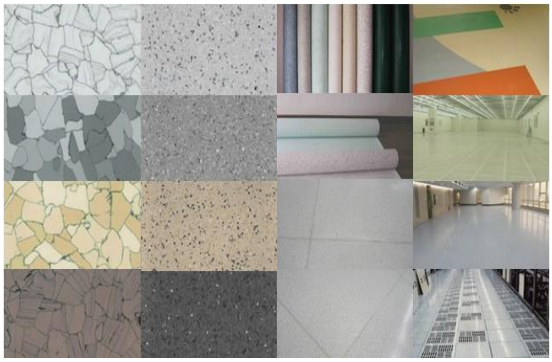
ISO 9001:2008



ESD PVC Flooring

PVC floorings

We offer a complete range of products, conductive and dissipative tiles, which according to the type of requirements to ensure:

- The protection of electronic equipments and components
- The protection of people against electro-static discharge risks
- The protection of premises against explosive risks

Used in conjunction with conductive footwear, we guarantee the highest level of protection against ESD risks due to their low generation of charges (from <100 to <20V according to the IEC 61340-4-5) and to the effective elimination of charges over the long term.

Controlling discharges

PVC floor coverings guarantee the lasting elimination of electrostatic charges, while taking into account the safety of people.

Low accumulation of charges

PVC floor coverings guarantee a low accumulation of electrostatic charges to people and equipments.

Mechanical resistance

The homogeneous and compacted surface provides an enduring resistance to static and dynamic loads.

Chemical resistance

PVC floorcoverings display excellent resistance to chemical products such as detergents, acids and alkaline products.

Minimum gas emission

Low VOC emissions.

Decontamination

PVC floorcoverings are rated as “good” in compliance with ISO 8690 the nuclear decontamination standard.

Fully hygienic

Fungistatic and bacteriostatic treatment throughout total thickness of flooring.
Floorcovering is non-absorbent, impervious and non-porous.
Can be hot welded and install with a coved skirting for easy cleaning.

Technical Data Sheet

Technical Data		Static Dissipative
Total thickness	EN428	2 mm
Sizes	EN426	600mm
Standard/Product Specification		EN649
Electrical resistance	EN1081	$10^6 \leqslant R \leqslant 10^8\ \Omega$
	IEC61340-4-1	$10^6 \leqslant R \leqslant 10^9\ \Omega$
	ANSI/ESD S7.1	$10^6 \leqslant R \leqslant 10^8\ \Omega$
Static electrical charge	EN1081	<2kv
Dimensional stability	EN434	⩽0.4%
Residual indentation	EN433	Approx: ⩽0.1mm
Castors chair test	EN425	Suitable
Underfloor heating		Suitable-max.27℃
Impact sound reduction	EN ISO 717-2	Approx.+2 dB
Reaction to fire	EN ISO 13501-1	Class B_{f1} s1
	EN ISO 9239-1	⩾8 kw/m^2
	EN ISO 11925-2	Pass
Color fastness	EN ISO 105-B02	⩾ Level 6
Chemical resistance	EN423	Good
Toxic test	GB 18586-2001	Pass
Slip resistance	DIN 51130	R9
	EN 13893	⩾0.3
Surface treatment		PUR

Installation

Installation should be carried out in accordance to local standards and product manufature's guidelines. Subfloor need to be smooth, hard, clean and dry prior to laying. The place that applicable the subfloor must incorporate and effective Damp Proof Membrane. The material

must be allowed to acclimatize 24 hours before installation in a room temperature of 18℃-24℃. All seams must be heat welded using matching rod.

Maintenance

Maintenance should be carried out regularly to retain the appearance and durability of the floor. PVC floorings should be maintained with regular sweeping and damp mopping, more intense cleaning should be carried out periodically by machine cleaning using a neutral cleanser. Cleaning materials which are compatible with static control floors should always be used.