

Kinetic Polymers

D-13/2,Road No : 3,Phase – 1,IDA,Jeedimetla,Hyderabad – 500 055

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PVC Imported Tile

The damage of electrostatic discharge is much serious and many of the incidents including damage to super integrated circuits in semi-conductor production lines and loss of valuable data from malfunction of computer as well as inadvertent ignition of inflammable and explosions and contagions in hospital and post operation have been proven to be the results of electrostatic discharge. The cause of electrostatic discharge damage is that when two objects with electrostatic charge come into contact or friction causing electron movement occur with electrification to positive and negative poles, which are stationary at the points of mutual contact. A direct action against these points causes instant electric discharge resulting in damage to products or pollution or malfunction by sticking to the surface of charged body of opposite polarity. In order to prevent the damaged caused by electrostatic discharge, both UL and NFPA strongly recommend the use of conductive floor. ESD Work Vinyl tile is a high tech material that satisfies their specification requirements completely and is necessary in the environment of up-to-date industries and living.

Technical Specification of PVC Imported Tile

Size	:	600 mm x 600 mm
Thickness	:	2 MM
Colour	:	White Granite finish
Surface Resistivity	:	10^6 to 10^8 ohms / Sq
Volume Resistivity	:	10^6 to 10^8 ohms / Sq
Rate of Decay	:	< 0.02 Seconds
Hardness	:	< 85 shore 'D'
Static Generation	:	< 100 Volts
Flammability	:	Self Extinguishing



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Technical Specification of Conductive Flooring

Properties		Test Results
Thickness ASTM F386	:	2.0 mm
Size SJ/T 11236 – 2001	:	600 x 600 mm
Dimensional Stability EN 434	:	0.01%
Abrasion Resistance ASTM D4060 (CS10-1000g, 1000 Cycles)	:	0.0987 g
Hardness ASTM D2240	:	65 (Type D / 1 Sec)
Electrical Resistance SJ/T 11236 – 2001	:	Conductive $2.5 \times 10^4 < R < 10^6 \Omega$
Static Decay DJB2605 – 1996	:	≤ 2 Sec
Fire Resistance SJ/T 11236 – 2001	:	FV – 0
Water Proof Test ASTM D570	:	0.19%