

Performance Properties



ESD Static Control Tile

CONDUCTIVE FLOORING

Technical Service: (800) 874-4240

GAUGE (thickness)	1/8" (3mm)
SIZE (in inches)	12" x 12" 24" x 24" and 36" x 36" 24" x 24" and 36" x 36" can be pre-grooved for seamless floor
COMPOSITION	Homogeneous solid vinyl tile with encapsulated conductive elements distributed throughout the structure.
ANSI ESD S7.1 Resistance of Flooring Materials	Conforms
NFPA 99 Standard for Health Care Facilities	Passes
NFPA 101 Life Safety Code	Passes
AATCC 134 Electrostatic Propensity	< 12 Volts with conductive shoes
ANSI/UL 779 Electrically Conductive Floor Covering	Meets UL Standards
ASTM E-84 Fire Resistance (Steiner Tunnel)	<75 (Class II)
ASTM E-101C Static Decay, Method 4046 at 15% RH	5000 - 0 Volts in < 0.01 Sec.
ASTM E-648-06a Critical Radiant Flux CRF (W/cm2)	>1.08 W/cm2 (NFPA 253 Class 1)
ASTM E-662-06 Smoke Density	≤450
ASTM F-150 Electrical Resistance	Point to Point or Point to Ground 25,000 - 1,000,000 ohms
ASTM F-925-02 Chemical Resistance	Excellent (Acids, Alkalies, Household, Chemicals)
ASTM F-970-07 Static Load	<.001" RI after 24hrs @ 250 psi (1.125" diameter foot) 2,500 psi @ .005" RI after 24 hrs (.05" diameter foot)
ASTM F-1700 Solid Vinyl Floor Covering Materials	Conforms
Grounding Materials Supplied with the Order	One 2" x 24 " copper strip installed every 2,000 - 2,500 sq. ft.
Adhesive and Spread Rate	VPI 150 2 Part Epoxy Adhesive 0 VOC Content <i>Nominally 135 Sq.ft./gal but will vary due to application & substrate variables</i> VPI 165 1 Part Acrylic Adhesive 0 VOC Content <i>Nominally 135 Sq.ft./gal but will vary due to application & substrate variables</i>
Trowel Size	Please refer to Installation & Maintenance Instructions
WARRANTY (See actual VPI WARRANTY for details)	25 year wear / 75 year workmanship & materials
Electrical Performance	Life Time Warranty
MAINTENANCE (See Installation & Maintenance Instructions for details)	No wax required. Tech Spray 1720G optional