Performance Properties

ESD Static Control Tile

STATIC DISSIPATIVE 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	**Point to Point or Point to Ground 1,000,000 - 1,000,000,000 ohms**
NFPA	**99**	Standard for Health Care Facilities	**Passes**
NFPA	**101**	Life Safety Code	**Passes**
AATCC	**134**	Electrostatic Propensity	**< 30 Volts with conductive shoes**
ANSI/UL	**779**	Electrically Conductive Floor Covering	**Meets UL Standards**
ASTM	**E662 & E648**	Fire Resistance (Steiner Tunnel)	**<75 (Class II)**
FED STD	**101C**	Static Decay, Method 4046 at 15% RH	**5000 - 0 Volts in < 0.20 Sec.**
ASTM	**E648**	Critical Radiant Flux CRF (W/cm2)	**>1.08 W/cm2 (NFPA 253 Class 1)**
ASTM	**F150**	Electrical Resistance	**Point to Point or Point to Ground 1,000,000 - 1,000,000,000 ohms**
ASTM	**F925**	Chemical Resistance	**Excellent (Acids, Alkalis, Household, Chemicals)**
ASTM	**F970**	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 155 2 Part Epoxy Adhesive 0 VOC Content** ***Nominally 135 Sq.ft/gal but will vary due to application & substrate variables***
			VPI 165 1 Part Acrylic Adhesive 0 VOC Content ***Nominally 135 Sq.ft/gal but will vary due to application & substrate variables***
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.**