## Performance Properties

**ESD Static Control Tile**

**STATIC DISSIPATIVE FLOORING**

Technical Service: (800) 874-4240

<table>
<thead>
<tr>
<th>GAUGE (thickness)</th>
<th>1/8” (3mm)</th>
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<tr>
<td>SIZE (in inches)</td>
<td>12” x 12”</td>
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<td>24” x 24” and 36” x 36”</td>
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<td>24” x 24” and 36” x 36” can be pre-grooved for seamless floor</td>
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**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 E84** 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 150 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.