




**AmericanBiltrite**  
Flooring



**ELECTROLITE**

**SOLID VINYL TILE**

# Electrotile



Electrotile® conductive tiles (CVTs) and static dissipative tiles (SDTs) play an essential role in safeguarding employees, data centers and electronics manufacturers from static electricity damage.

Ideal for use in:

- › Data Centers
- › Electronics, Lithium Battery, Microchip and Processor Manufacturing
- › Hazardous Clean Rooms
- › Healthcare Equipment
- › Military and Aerospace Communication Facilities

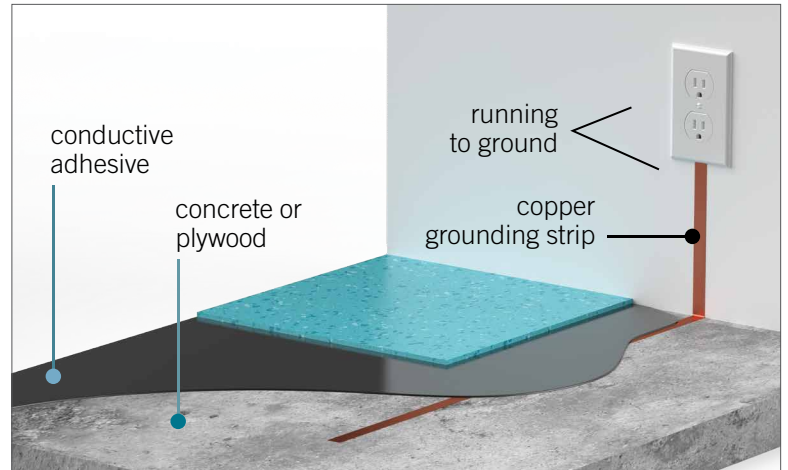
# Homogeneous Conductive and Static Dissipative Tile

Protecting your business and employees from electrostatic discharge (ESD) is critical. From electronics manufacturing facilities to hazardous clean room environments, **Electrotile®** gives clients ranging from microchip manufacturers to munition facilities the **reliability and safety** they require, **without compromising on style.**

With the increase in the construction of data centers, electronic component and lithium battery manufacturing facilities, the need for protection from static charges — and for Electrotile flooring — has never been greater. **Engineered specifically to meet the strict electrical resistance performance requirements for high-tech applications**, Electrotile is the ESD flooring solution that companies turn to time and time again.

## PIONEER OF ESD FLOORING

For decades now, American Biltrite has provided industries with millions of square feet of Electrotile flooring to protect employees, sensitive medical equipment, data centers and hazardous clean rooms from electrostatic discharge. American Biltrite was the first to bring electrostatic flooring with filament matrix technology to the market, back in 1965. Being a no-wax-for-life flooring ensures that the conductive properties of the floor won't be compromised under such maintenance requirements.



## FEATURES & BENEFITS

- Meets static dissipative or conductive requirements.
- Created in 1965; the first ESD tile with carbon black filament matrix.
- Made in North America with the highest level of quality control.
- Lifetime warranty on conductivity.
- Engineered to be extremely durable.
- Easy maintenance with only dry buffing: No waxing. Ensures the ESD properties won't be affected by maintenance.
- Timeless Terrazzo look.
- Comes standard in 12" x 12"
- 24" x 24" and 36" x 36" tiles on special request (minimum run of 700 square feet, unless available from inventory).

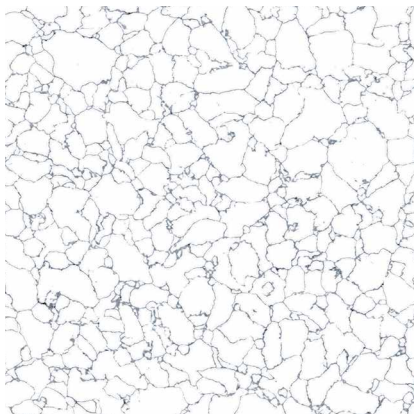
## HIGHEST SAFETY AND QUALITY CONTROL

As pioneers in electrostatic flooring, we are part of your ESD protocol team and assist in the development of your ESD program. We have put in place the most stringent quality control process out there, and we test each tile that is produced and shipped to make sure they all meet the ESD requirements. We provide the accessories required for your ESD flooring installation including conductive adhesive and copper foil.

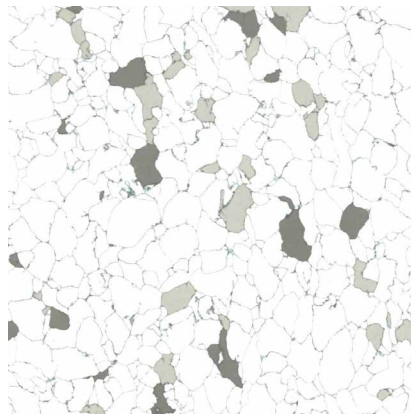
Once the floor is installed, an additional evaluation is done and a warranty is issued, giving facilities and their employees safety and peace of mind. No one else does it, WE DO.



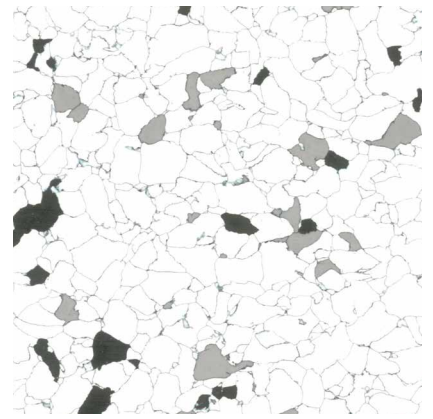
Heat welding is available in coordinating colors. See the website for colors available.



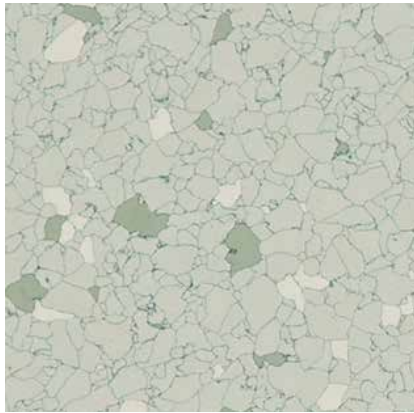
**CVT-115** White



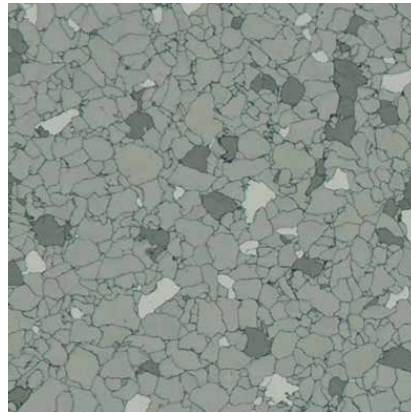
**CVT-130** White | Grey



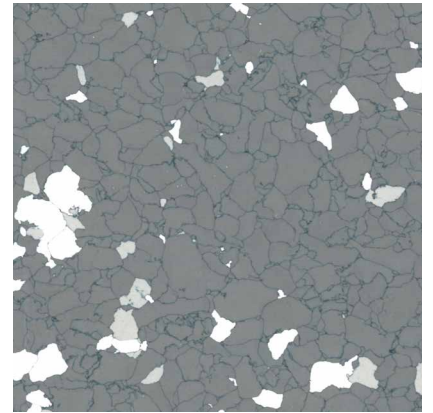
**CVT-111** White | Black



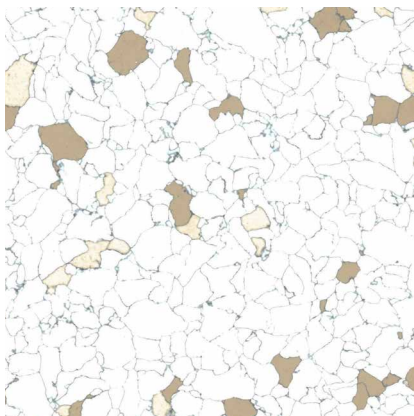
**CVT-117** Luxe Grey



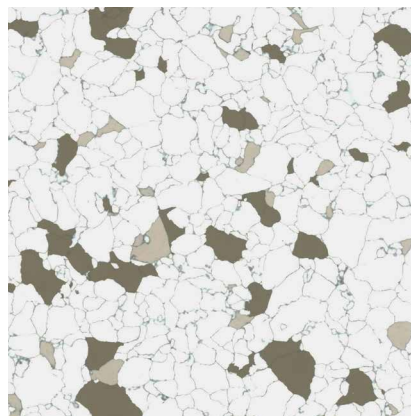
**CVT-133** Mineral Grey



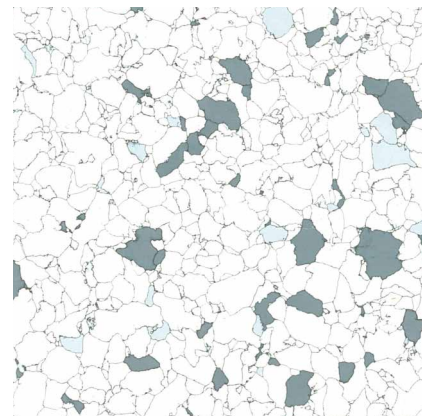
**CVT-135** Grey



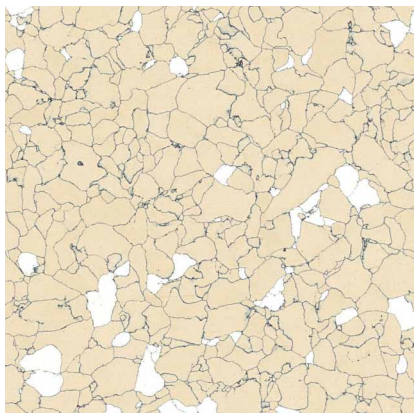
**CVT-147** Mission White



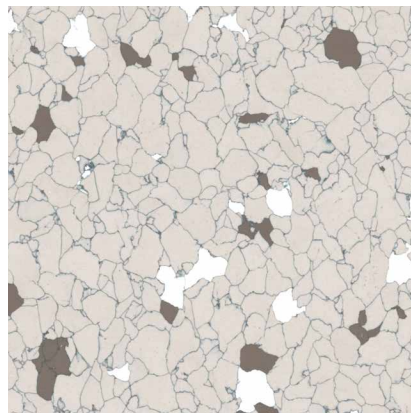
**CVT-143** White | Taupe



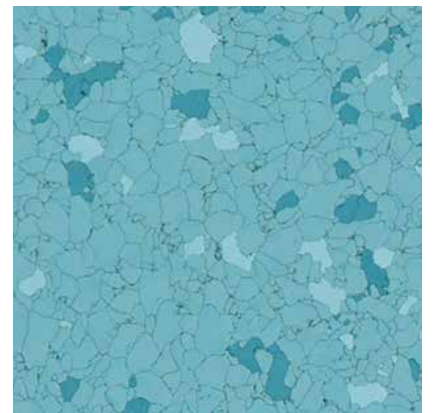
**CVT-190** White | Blue



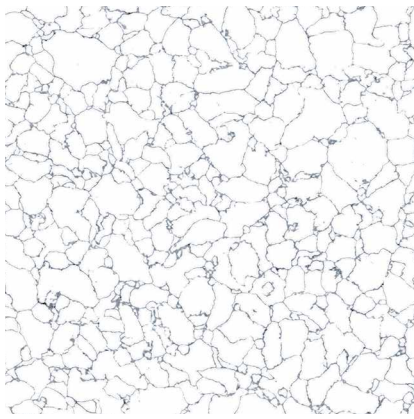
**CVT-146** Almond Shell



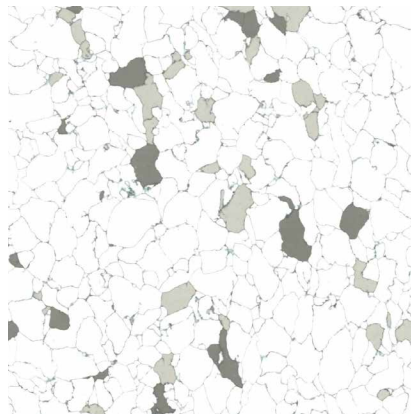
**CVT-145** Taupe



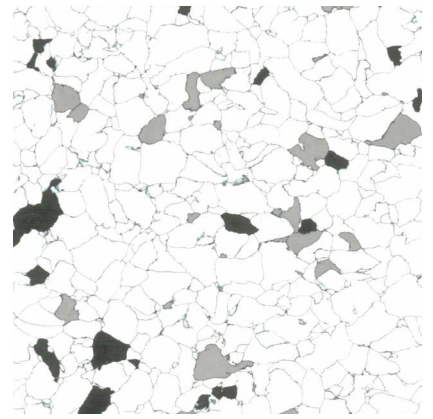
**CVT-193** Sky Blue



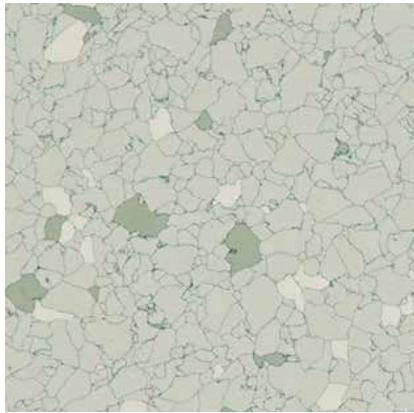
**SDT-115** White



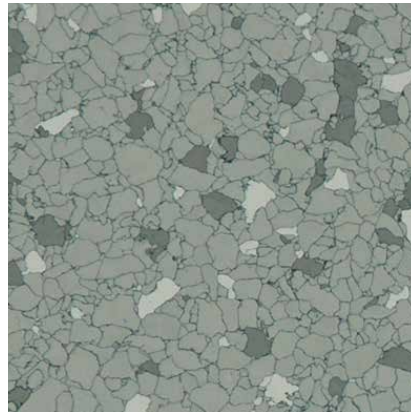
**SDT-130** White | Grey



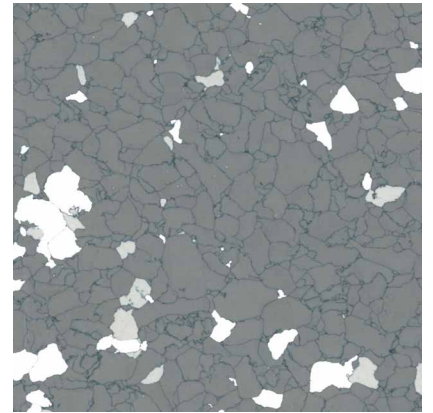
**SDT-111** White | Black



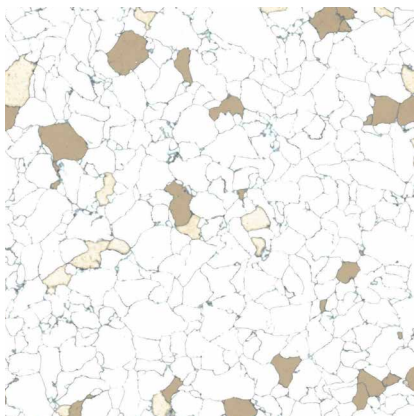
**SDT-117** Luxe Grey



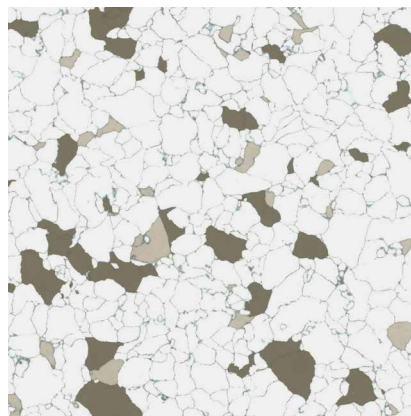
**SDT-133** Mineral Grey



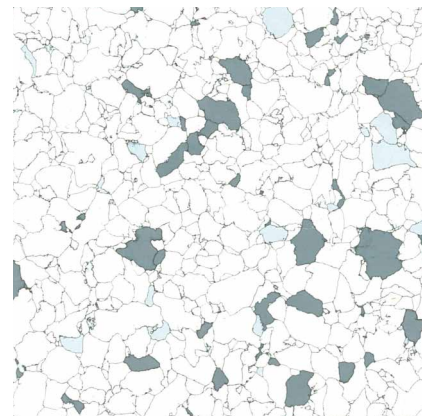
**SDT-135** Grey



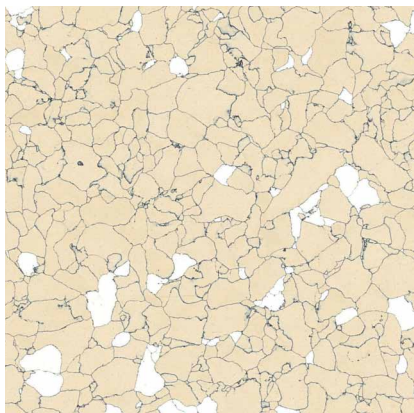
**SDT-147** Mission White



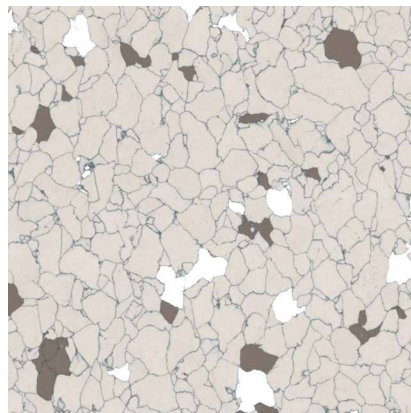
**SDT-143** White | Taupe



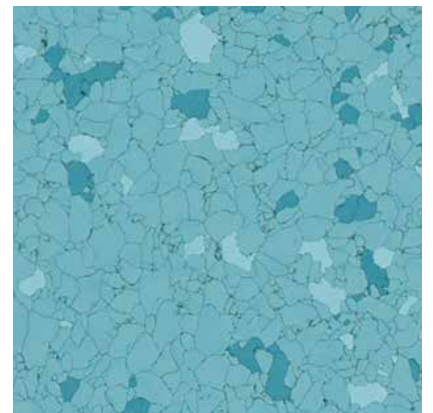
**SDT-190** White | Blue



**SDT-146** Almond Shell



**SDT-145** Taupe



**SDT-193** Sky Blue



# American Bilrite Flooring

## ELECTROTILE®

### TECHNICAL SPECIFICATIONS

<b>Gauge</b>		<b>3.17 mm</b>	<b>0.125"</b>
<b>Sizes</b>		<b>305 mm x 305 mm Micro-Ground™</b> <b>610 mm x 610 mm Micro-Ground™*</b> <b>915 mm x 915 mm*</b>	<b>12" X 12" Micro-Ground™</b> <b>24" x 24" Micro-Ground™*</b> <b>36" X 36"*</b>
<b>Product Classification:</b>			
<b>ASTM F1700</b>	Solid Vinyl Floor Tile	Class I, Type A, Monolithic	
<b>ASTM F150</b>	Electrical Resistance: Conductive Tile	Between 25 x 10 <sup>3</sup> Ohms and 1 x 10 <sup>6</sup> Ohms (0.025 MOhms and 1 MOhms)	
<b>ASTM F150</b>	Electrical Resistance: Dissipative Tile	Between 1 x 10 <sup>6</sup> Ohms and 1 x 10 <sup>9</sup> Ohms (1 MOhms and 1,000 MOhms)	
<b>ASTM D2047</b>	Static Coefficient of Friction (leather / Neolite)	≥ 0.5	
<b>Federal Standard Test Method 101 B, Method 4048</b>	(Static Decay 5,000 Volts to 0 Volt)	Complies	
<b>ASTM D3389</b>	Abrasion Resistance (H-22 500 g @ 1,000 cycles)	Pass	
<b>ASTM E648</b>	Critical Radiant Flux CRF (W/cm <sup>2</sup> )	≥ 0.45	
<b>ASTM E662</b>	Smoke Density	≤ 450	
<b>ASTM F137</b>	Flexibility	Pass	
<b>ASTM F925</b>	Chemical Resistance	Meets requirements (details upon request)	
<b>ASTM F970</b>	Static Load	≤ 0.005"	
<b>ASTM F1514</b>	Heat Stability (ΔE ≤ 8.0)	Pass	
<b>ASTM F1515</b>	Light Stability (ΔE ≤ 8.0)	Pass	
<b>ASTM F1914</b>	Indentation	Residual < 8%	
<b>ASTM F2055</b>	Squareness	0.010" maximum	
<b>AATCC, Method 134</b>	Static Propensity	Complies	
<b>Indoor Air Quality (IAQ)</b>		FloorScore Certified by SCS Certification	
<b>Volatile Organic Compounds (VOC's)</b>		Registration Number SCS-FS-01495	
<b>Adhesive</b>	AD-390C (two-part epoxy) AD-333SF (one-part acrylic)	Heavy rolling loads Regular traffic	
<b>Grounding</b>		Required – use 3/8" wide copper foil tape	
<b>Maintenance</b>		No waxing	
<b>Limited Wear Warranty</b>		20 years – product Lifetime – conductivity	

Please note that technical website documents prevail.

® Registered Trademark of American Bilrite

\* Minimum order required for 24"x 24" and 36" x 36" sizes unless available in stock.

[american-bilrite.com](http://american-bilrite.com)



Samples available at:  
**material bank**

American Bilrite, 200 Bank Street, Sherbrooke, Quebec, Canada J1H 4K3  
To order samples: [flooring@american-bilrite.com](mailto:flooring@american-bilrite.com) | 1-800-437-8743 | Fax 1-800-810-5731 | Technical Services: 1-800-479-0190