

## PRODUCT SPEC PAGE

### EXCELON® SDT™ Electro-Static Dissipative Tile

Vinyl Composition Tile (VCT)

#### Product Information

Construction	Product Line	International Product Specifications	Overall Thickness Wear Layer Thickness	Factory Finish	Installation	Maintenance Options
Vinyl Composition Tile	Excelon SDT	ASTM F1066 - Class 2 Through Pattern	1/8 in. (3.2 mm)	Fast Start®	Full Spread Adhesives S-202 Static Dissipative Tile Adhesive required	Armstrong S-392 Static Dissipative Polish required

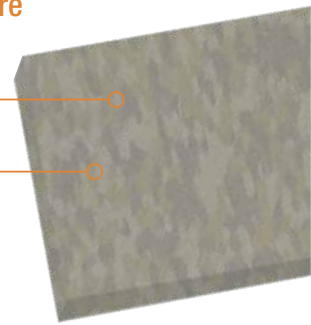
#### Packaging

Tile Size	Tile per Carton/Coverage	Shipping Weight per Carton
12 in. x 12 in. (305 mm x 305 mm)	45 - 45 ft <sup>2</sup> (4.18 m <sup>2</sup> )	Approx. 63 lbs./carton (28.6 kg)

#### Product Structure

Exclusive ESD Formulation

True Through-Pattern  
Wear Layer



#### Testing

	Performance	Test Method	Requirement	Performance vs. Requirement
ASTM F 1066	Thickness	ASTM F 386	Nominal $\pm 0.005$ in.	Meets
	Size	ASTM F 2055	$\pm 0.016$ in. per linear foot	Meets
	Squareness	ASTM F 2055	0.010 in. max	Meets
	Indentation – One Minute	ASTM F 1914	$\geq 0.006$ in. to $\leq 0.015$ in.	Meets
	Indentation @ 115°F	ASTM F 1914	$< 0.032$ in.	Meets
	Impact	ASTM F 1265	No cracks beyond limit	Meets
	Deflection	ASTM F 1304	1.0 in. minimum	Meets
	Dimensional Stability	ASTM F 2199	$\leq 0.024$ in. per linear foot	Meets
	Chemical Resistance	ASTM F 925	No more than slight change in surface dulling, attack or staining	Meets
	Resistance to Heat	ASTM F 1514	$\Delta E$ not greater than 8.0	Meets
Additional	Resistance	ANSI / ESD STM 7.1 ASTM F-150	Point to point and point to ground: $10^6$ to $10^9$ ohms	
	Resistance in Combination with a Person	ANSI / ESD STM 97.1	at 12% R.H. w/ Dissipative footwear: $2.26 \times 10^7$ ohms (average)	
	Static Generation	ANSI / ESD STM 97.2	at 40% R.H. with Dissipative footwear: $< 10$ volts at 12% R.H. with Dissipative footwear: $< 10$ volts	
	Static Dissipation	ETS Dissipation Method	at 12% R.H. with Dissipative footwear 1000 to 100 volts: 0.2 seconds avg.	
	Static Load Limit	ASTM F 970	$\leq 0.005$ in.	75 psi
	Fire Test Data – Flame Spread	ASTM E 648	0.45 W/cm <sup>2</sup> or more Class I	Meets
	Fire Test Data – Smoke Evolution	ASTM E 662	450 or less	Meets
	Fire Test Data – Canada	CANULC S102.2	Use dependent	Flame Spread - 0    Smoke Developed - 30

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#### Sustainability

Certification Attribute	Standard	3rd party Certification/Certifier	
Low-Emitting Material	CDPH v1.1 (2017) a.k.a CHPS 01350	FloorScore/SCS	
Environmental Product Declaration (EPD)	ISO 14025	Yes/ASTM International	
Plant Quality	ISO 9001	Yes/SAI Global	

Performance	Standard	Requirement	Performance vs. Requirements
TVOC Range	CDPH v1.1 (2017) a.k.a CHPS 01350	<0.5 mg/m³	Meets
Low Emitting Adhesive: S-202	SCAQMD Rule #1168	Less than 50 g/L	Meets
Material Ingredients (Option 1)	LEED v4	Content disclosure to 1000 ppm	Meets (See Armstrong Product Declaration)
Recycled Content	ISO 14021	Contains recycled content	Meets - 30% Pre-Consumer

#### Limited Warranty

5-year Commercial Warranty when installed in accordance with Armstrong's Guaranteed Installation Systems manual, F-5061.

#### Links

Installation Instructions	<a href="http://www.ArmstrongFlooring.com/flooring-downloads">www.ArmstrongFlooring.com/flooring-downloads</a>
Maintenance Information	<a href="http://www.ArmstrongFlooring.com/flooring-downloads">www.ArmstrongFlooring.com/flooring-downloads</a>
View the Full Line	<a href="http://www.ArmstrongFlooring.com/commercial/en-us/products/esd">www.ArmstrongFlooring.com/commercial/en-us/products/esd</a>
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