

























ITEM		SPECIFICATION	HUATONG ESD CONTROL TILE	
			Conductive Tile	Static Dissipative Tile
	Electrical Resistance -Surface to Ground -Surface to Surface	DIN 51593 (500V) ASTM F 150 (500V) AATCC-134 Conductive: $2.5 \times 10^{-4} \sim 6 \times 10^{-8} \Omega$ Static Dissipative: $10^6 \sim 10^8 \Omega$	$2.5 \times 10^{-4} \sim 10^6 \Omega$	$10^6 \sim 10^8 \Omega$
			Less than 100volts with conductive footwear per ATTCC-134 at 20% relative humidity	
	Static Decay	Federal Test Method 101B Method 4046 ≤ 0.50 sec	0.015 sec	0.015 sec
Other Properties				
	Composition of Material	ASTM F 1700 Certificate of Compliance	Homogeneous	
	Thickness	ASTM F 386, DIN EN 428 as specified ± 0.15 mm	Meets Standard	
	Nominal Sizes	ASTM F 536, DIN EN 427 $\leq \pm 0.30$ mm/600mm	Meets Standard	
	Residual Indentation	ASTM F1914 DIN EN 433 average less then 8% max. single reading 10%	<8%	
	Flexibility	ASTM F 137 no crack or break	No crack or break	
	Dimensional Stability	ASTM Fed. Std. No. 501a, Method 6211, DIN En434 0.50 mm/600 mm	Meets standard	
	Resistance to Chemicals	ASTM F925 DIN EN 423 No more than a slight change in surface dulling, surface attack, or staining	No more than a slight change in surface Dulling, surface attack, or staining	
	Resistance to Heat	ASTM F 1514 $\Delta E \leq 8$ ave., Max	< $\Delta E = 8.0$	
	Resistance to Light	ASTM F 1515 $\Delta E \leq 8$ ave., Max		
	Smoke Density	ASTM E 662 ≤ 450	<450	
	Flame Spread	ASTM E 84, NFPA225 ≤ 75	<75	
	Thermal Conductivity	DIN 51612	0.305 W/m.k	
	Fire Resistance	DIN 4102 ONORM B 3810	B1 Q1	
	Critical Radiant Flux	ASTM E 648, NFPA 253	≥ 1.08 W/cm2 (Class I Interior Floor Finish, NFPA Life Safety Code 101)	
	Abrasion Resistance	ASTM D 1044 CS-10-F Wheel, 500Gm Weight	Cycle	%Gauge Loss
			2,500	0.40
			5,000	0.80
			7,500	1.20
	Resistance to Wear	DIN EN 660-1	M	
	Effect of Castor Chair	DIN EN 425	No damage	
	Color Fastness	ISO 105 B02	At least 6	
	Impact Sound Absorption	Vii, ISO 140, ISO 717	approx 2dB	
	Standard for Health Care Facilities	NFPA 99	Confirms to the requirement of NFPA 99 in effect at the time of installation	
Warranty				
	Free from defects in workmanship and materials		Five Years	
	Conductivity		Lifetime	