

StaticSmart® Pastoral Series

ESD Vinyl Sheet

PHYSICAL PROPERTIES

ASTM F-1700	Conforms
<i>Solid Vinyl Floor Covering materials</i>	
Composition	Homogenous Solid Vinyl Tile
Recycled Content	N/A
Thickness (Gauge)	1/8" (3 mm)
Nominal Sizes	6'6" wide x 65' roll
Indoor Air Quality	FloorScore® Certified
ASTM E-84	<75 (Class II)
<i>fire spread</i>	
ASTM E-648-06a	>1.08 W/cm ² (NFPA 253 Class 1)
<i>Critical Radiant Flux (CRF)</i>	
ASTM 662.06	<.450
<i>Smoke Density</i>	
ASTM F-925-02	Excellent
<i>Chemical Resistance</i>	
ASTM F-970-07	2,500 PSI
<i>Static Load</i>	
Commercial Warranty	10 year limited commercial warranty
Static Control Warranty	Lifetime

STATIC CONTROL PROPERTIES

ESD STM 97.2	<20 Volts
<i>Electrostatic Propensity (w/Conductive Footwear)</i>	
AATCC134-06	<2.0 kV (2,000 Volts)
<i>Electrostatic Propensity w/o Conductive Footwear)</i>	
ANSI/ESD S7.1	Conductive 2.5 x 10 ⁴ —10 ⁶ Ω
<i>(Surface to Surface)</i>	
<i>Electrical Resistance</i>	Conductive 2.5 x 10 ⁴ —10 ⁶ Ω
<i>(Surface to Ground)</i>	
ANSI/ASTM E101-C	5,000 - 0 Volts in <0.01 seconds
<i>Static Decay, Method 4046 at 15% RH</i>	
ANSI/ESD S20.20 - 2014	Compliant when using approved footwear
Results within Required Limits:	
<1 x 10 ⁹ Ω and <100 Volts peak	
D.O.D. HDBK236A, Section 40.1.2	Meets recommended guidelines for sensitive ESD Devices, Class 1
FAA-STD-019f	Compliant
Motorola R56	Compliant
ATIS-0600321.2010	Compliant
Groundable Path	StaticSmart Ground Strip
Grounding Frequency	1 per 1,000 Square Feet
Adhesive Requirements	StaticSmart SDT+ Conductive Adhesive
Installation Requirements	Seam welding required