



ECOnights for ESD Product Specification

Product Presentation

ECOsURFACES recycled rubber flooring: The single-ply rubber surface furnished under this specification shall be ECORE International's: ECOnights ESD as specified.

ECOnights ESD products meet static dissipative flooring criteria based on ASTM F150 and ESD's Association Standard ESD- S7.1-1994. The color shall be (specify: color number and name).

Physical Properties

ECOnights Rubber Rolls

Width:	48"	
Thickness:	4mm (5/32")	standard
	6mm (1/4")	special
Weight:	4mm	1.1lbs/sq.ft.
	6mm	1.7lbs/sq.ft.
Length:	200 sq/ft (50 l/ft) per roll	

ECOnights Rubber Tiles

Size:	36" x 36"	
	18" x 18"	
Thickness:	4mm (5/32")	standard
	6mm (1/4")	special

Test	ASTM	Results
Tensile Strength	D412	200 lb/in ² min
Flexibility	F137	Pass ¼ inch mandrel
Static Dissipation	F150/ESD S7.1	10 ⁶ to 10 ⁹ Ohms
Coefficient of Friction	D2047	>0.9
McBurney Indentation	F142, 1 min	0.1120 inches
Thermal Conductivity	C518	0.406 Btu-in/hr-ft ² -°F
Static Load Limit	F970, 400 lbs	<0.005 in
Electrostatic Propensity	AATCC Test method 134	-0.8 kv
Static Decay	FTM 4046 of FS 101B	0.01 seconds
Chemical Resistance	F925	no change
Impact Insulation Class	E492	49
Sound Transmission Coefficient	E413	51
Noise Reduction Coefficient	C423	0.10 sabine/ft ²
Sustainability	E2129-01	data collected
VOC Washington State IAQ Test	n/a	24hr=0.39; 1wk=0.056