



ElectraLock Interlocking Tile Specifications



Product Overview: ElectraLock is an adhesive free, no odor, interlocking ESD vinyl tile used to cover any hard surface flooring including epoxy, concrete, existing VCT and more. It is an ideal choice for permanently compliant ESD Control Flooring. ElectraLock Interlocking ESD Tiles feature a full surface static conductive backing fused to a diamond hard, wear resistant top surface. ElectraLock is available in four outstanding colors. ElectraLock Interlockers are slip resistant, easy to install, compliant to ANSI ESD S20.20-2021 and fall in a safe yet effective range of electrical conductivity made to interface flawlessly with drag chains, carts, personnel, benches and ESD casters. ElectraLock has a near seamless, slip resistant,

low gloss matte type finish. For a high gloss top coat with ElectraGlaze ESD Floor Finish.

SPECIFICATIONS

ASTM F-1700 Solid vinyl floor covering	Conforms
Thickness:	3 mm
Carton Quantity:	37.50 SF per carton (10 tiles to the carton)
ANSI/ESD S20.20-2021	Compliant, meets page 6 table 2 product qualification and compliance verification.
ASTM E-84, fire spread	<75 (class II)
ASTM 662-06, smoke density	<.450
ASTM E-648-06a, CRF (w/cm ²)	>1.08 W/cm ² (NFPA 253 Class 1)
ASTM F-925-02, chemical resistance	Excellent
ASTM F-970-07, static load	2,500 PSI
Warranty	Lifetime static, 20 year wear warranty on foot traffic
Resistance to Concrete Vapor Emissions, ASTM D4263	Passes with absence of moisture
Resistance to Concrete Vapor Emissions, E-1907-04	Passes at < 8 pounds /1,000 sf/24 hour period
Electrostatic Propensity, STM 97.2	Passes at <100 volts. Typical 1V+, 2V-
Electrostatic Propensity, AATCC 134-06	<2kV
Electrical Resistance, ANSI/ESD S7.1, PTP	<1.0E09
Electrical Resistance, ANSI/ESD S7.1, RTG	<1.0E09
ASTM E-101C, static decay, 4046 @ 15%	5,000 – 0 Volts in <0.01 seconds
Chair Caster Resistance per EN 425	Suitable for ESD chairs with castors
D.O.D. HDBK 263A, section 40.1.2	Meets guidelines, ESD devices, class 1

Document Number 10734, approved for release, SRC 07.17.18. Revision history: 2.16.20, Changed carton size. Revision 8.24.21, warranty clarification, approved src. 3.14.22 Compliant to ANSI ESD S20.20-2021, approved SRC.