

ESD COATING	Carbon Black	Multi-layer Epoxy w/Conductive Groundplane	ESD Urethane	Epoxy Acrylate
	Generation 1	Generation 2	Generation 3	Generation 3
<b>Electrical Specification/ANSI S20.20</b>				
Always meets ANSI/ESD S20.20	Yes	No <sup>1</sup>	Yes	Yes
Available in dissipative (>1.0 10E6)	No	Yes	Yes	Yes
Available in conductive (<1.0 10E6)	Yes	No	Yes	Yes
Measures below 100V w/heel straps per STM 97.2	Yes	No	Yes	Yes
Measures below 100V w/ESD shoes	Yes	Yes	Yes	Yes
<b>Material</b>				
Requires carbon black ground plane	No	Yes	No	No
Available in light colors	No	Yes	Yes	No
Scratch resistant	No	No	Yes	No
<b>Installation</b>				
Can be applied over sub- or old floors in one coat	Yes	No	Yes	Yes
Can be repaired with a single coat	Yes	No	Yes	Yes
Gloss finish without use of sealer or wax	No	Yes	Yes	No

In qualification testing, multi-layer epoxies that rely on a groundplane fail 97.2 walking body tests with heel straps.