

# staticworx® Reference

## Comparing Different Types of Staticworx ESD Flooring

Category	ESD Carpet Tile	ESD Solid Vinyl Tile (Conductive)	ESD Multi-layer Poured Epoxy	ESD Rubber
Cost	Moderate	Lowest	Moderate	Highest
Cost of Maintenance	Highest	Low - Moderate	Low. <i>Note: Shine cannot be restored once surface becomes dull</i>	Lowest
Durability	Not suitable for wet or motorized traffic	Excellent	Excellent	Good
Ease of Repair	Easiest	Easy	Most difficult	Moderate
Long Term Appearance	Fair - depending on frequency of cleaning	Excellent – can be abraded and resurfaced by high speed buffing	Difficult to hide micro-scratches	Excellent
Color Throughout Thickness (Helps hide scratches)	N/A	Yes (Ameriworx Precision-Milled Vinyl Tile)	No	Yes
Color Consistency for Projects of Any Size	Yes	No	Yes	Yes
Handle/Withstand Rolling Loads	Poor	Excellent	Excellent	Good
Ease of Rolling	Poor	Excellent	Excellent	Good
Maintenance	Vacuum, annual steam clean & encapsulation cleaning	Sweep, damp mop & buff	Sweep and damp mop	Sweep, damp mop & buff
Meets Standard ANSI/ESD S20.20	Yes. <i>Must be conductive.</i>	Yes. <i>Must be conductive.</i>	Check body voltage generation with specified footwear	Yes. <i>Must be conductive.</i>
Ease of Finding Small Parts	Easy	Easy	Easy	Easy
Installation	Easiest	Average	Difficult	Average
Slip Resistance	> 0.6	0.5 – 0.6	0.4 – 0.6 (depends on texture)	> 0.6 Meets ADA guidelines
Chemical Resistance	Poor	Superior	Superior	Superior
Acid, Alkali and Solvent Resistance	Poor	Good	Excellent	Excellent
Sound Absorption	Excellent	4 dB	Not sound resistant	Excellent 5 – 19 dB
Anti-Fatiguing	Excellent	No	No	Good
PSI	N/A	2500	> 2500	600 – 850
Plasticizer (Off-Gas)	N/A	None	None	None
Wear Layer	N/A	Total thickness	N/A	Total thickness
Halogen Free — No Chlorine or Other Corrosive Gases in Fire	No	No	Yes	Yes
Contributes towards LEED credits	Yes	Yes	No	Yes