

STATGUARD FLOORING

Statguard Flooring 8400 Series ESD Vinyl Floor Tile Competitive Comparison Chart

Features	Statguard 8400 Series	Forbo ColoRex® EC	Armstrong DT	Tarkett IQ Granite SD	Noramant® Grano Ed
General Overview	A no wax, low maintenance ESD Vinyl Tile	A no wax ESD Vinyl Tile	Requires waxing	A no wax ESD Tile	A post-installation cleaning must be performed
Electrical Performance	Conductive 2.5×10^4 to $< 1 \times 10^6$ ohms	Conductive 5×10^4 to 1×10^6 ohms	Static Dissipative Tile $< 1 \times 10^9$ ohms	Static Dissipative Tile $< 1 \times 10^9$ ohms	Static Dissipative Tile $< 1 \times 10^9$ ohms
Sizes Available	0.125" x 12" x 12" / 3.2mm x 305mm x 305mm 0.125" x 24" x 24" / 3.2mm x 610mm x 610mm 0.125" x 36" x 36" / 3.2mm x 915mm x 915mm 0.079" x 12" x 12" / 2mm x 305mm x 305mm 0.079" x 24" x 24" / 2mm x 610mm x 610mm 0.079" x 36" x 36" / 2mm x 915mm x 915mm	24.2" x 24.2" (615 cm x 615 cm) 0.080" (2.0 mm)	12" x 12" x 1/8" 305 mm x 305 mm x 3.2 mm	24" x 24" x 0.080" (2 mm)	39.53" x 39.53" (1,004mm by 1,004mm) 0.14 inches (3.5 mm)
Color Options	11 Color Options	20 color options	9 color options	12 color options	8 color patterns
Initial Maintenance required?	No. 24 hrs foot traffic, 48 hrs to occupy space	Yes. 5 days to occupy, wait to clean then move equipment on	Yes. Apply ESD Floor Finish immediately after Installation, Strip and apply ESD Floor Finish as required	Yes. 5 days to occupy, wait to clean then move equipment on	Yes. 5 days to occupy, wait to clean then move equipment on
Ongoing Maintenance	No special chemicals needed. Buff to shine with low speed "swing" buffer and a clean, dry red buffer pad.	Mop and buff as needed. No special chemicals needed.	Mop and clean as needed. When required, strip wax and reapply ESD Floor Finish.	Mop and buff as needed. No special chemicals needed.	Mop and buff as needed. No special chemicals needed.
Maintenance Costs	Dry buffing will produce a high shine without the need for any glazes or ESD Floor Finish. Lowest maintenance costs.	Buffing will yield a clean floor, this surface requires more cleaning to stay clean.	Waxing yields a shiny surface, requires ongoing maintenance use of ESD Floor Finish.	Buffing will yield a clean floor, this surface requires more cleaning to stay clean.	Buffing will yield a clean floor, this surface requires more cleaning to stay clean.
Costs	Higher initial set cost, lowest ongoing maintenance cost. Tile will pay for itself in 5 to 7 years.	High initial cost, lower ongoing maintenance cost, but will require more maintenance than 8400 series to keep clean.	High initial cost, highest ongoing maintenance cost.	High initial cost, lower ongoing maintenance cost, but will require more maintenance than 8400 series to keep clean.	Highest initial cost, lowest ongoing maintenance cost.
Static Generation (Walking Voltage)	<25 Volt With SCS 2051 Shoe Grounder Assembly at 12% RH ($\pm 3\%$ RH at $73^\circ\text{F} \pm 2^\circ$)	20 Volts	30 Volts	N/A	20 Volts
Warranty	"10 year Material Warranty Lifetime Electrical Resistance Properties"	Lifetime electrical performance, 20 year workmanship on tile	No electrical performance, 5 year workmanship on tile	Limited 5-Year Commercial Warranty for Manufacturing Defects	Limited 10-year warranty
Environmental Considerations	FloorScore® Certificate Number: SCS-FS-01495 LEED®v4 r	Colorex EC are manufactured using 100% electricity from renewable sources	"LEED v4 WELL Feature 97"	FloorScore® Registration number SCS-FS-02744	GREENGUARD Gold Certified for Low VOC Emissions CA 01350 Compliant
Summary	Lowest ongoing maintenance cost and highest aesthetic value. Tile will pay for itself in maintenance savings. Easiest maintenance and will stay clean the longest and easiest	Requires an initial and ongoing maintenance, while a no wax tile, maintenance costs will be higher because this tile will get dirtier easily.	This is a Dissipative tile and is not an option for a Conductive setting where sensitive electronics are used. Requires ongoing maintenance to perform within the required resistance limits.	This is a Dissipative tile and is not an option for a Conductive setting where sensitive electronics are used.	This is a Dissipative tile and is not an option for a Conductive setting where sensitive electronics are used.



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