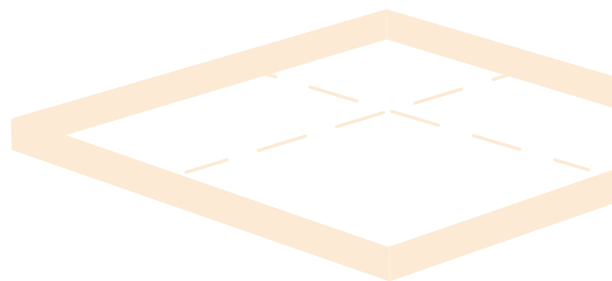


# AmeriWorx™ ESD Series

Precision Milled Solid Vinyl Tile



**American-made** conductive tile with the lowest VOC and out-gassing parameters. Engineered for gap-free installations and low maintenance installations in ESD environments.



**staticworx®**  
grounded solutions™

Are **you** grounded?™



Engineered to address concerns of the construction industry, Ameriworx SVT (Solid Vinyl Tile) permits easy, gap-free installations. Precision-milled for exact squareness, it maintains its shape and color due to its controlled, consistent mix of raw materials and its color-thru design. American-made, Ameriworx SVT retains competitive pricing because it is sold direct to the contractor. Backed by Staticworx, the most respected name in static control flooring, the tiles are guaranteed for life in regards to both electrical performance and wear performance. Guaranteed. Forever.



## What are the differences between AmeriWorx™ SVT and foreign-made VCT?\*

\*SVT = solid vinyl tile, VCT = vinyl composition tile

### 10 reasons

why you should install Ameriworx SVT in your facility:

#### 1 Perfectly square tiles, gap-free installations.

Ameriworx SVT is precision-milled, an automated process that eliminates human error and guarantees a perfectly square tile. The tile is produced in large format then milled to tile size once the sheet has acclimatized — one more process control that prevents dimensional changes. Therefore, Ameriworx SVT provides the easiest installations possible without any unsightly gaps between tiles.



#### 2 Solid-thru construction, dimensionally stable.

Consistently manufactured with identical raw materials, Ameriworx SVT's filler-free, solid-thru construction ensures a dimensionally stable, shrink-free tile — again eliminating the possibility of gaps.

In contrast, imported ESD vinyl tile is mixed in small batches containing high concentrations of fillers like limestone and clay. Small batch processing lacks precision creating tremendous variation in color, conductivity and material content. Resins are continuously swapped based on local price and availability.





Fawn Electronics, Nashville, NC

“

We chose Ameriworx SVT for our facility's 32,000 sq. ft. production floor because we wanted the ultra-clean white look and great aesthetics realized with vinyl flooring as well as the excellent ESD protection offered with conductive tile.

*Kim Boykin, VP of Operations  
Fawn Electronics, Nashville, NC*

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### 3 Easy to clean, no expensive waxes required.

Both conductive and color properties run consistently through the entire thickness of Ameriworx tiles. Tightly controlled by Staticworx, the company selected the resin used in Ameriworx after significant research, based in part on clean-ability studies performed in high traffic areas of grocery and retail spaces in Europe. With Ameriworx SVT, there is no top lamination or wear layer. So unlike VCT tile, expensive waxes and frequent maintenance are not required. Simple routine damp mopping is suggested.



### 4 Every single Ameriworx tile is tested for conductivity.

Each and every Ameriworx tile produced is electrically tested automatically and verified that it meets ESD specifications before it leaves the plant.

In contrast, a few imported VCT tiles are tested for conductivity with the results considered a representative sample for the entire batch of tiles produced. Furthermore, since every batch of VCT tile varies in fillers and resins, both conductivity and color can vary.

### 5 Lifetime warranties on both electrical performance and wear performance.

No other manufacturer offers this “double” guarantee on both static control performance and wear resistance. Traffic will simply not wear out Ameriworx tiles. Period.



### 6 Extremely durable, withstands the demands of forklift traffic.

Ameriworx will handle 2,500 lbs. of pressure per square inch according to ASTM F970. This converts to 1.25 tons per square inch — easily supporting heavy traffic from forklifts. Scratches and scrapes can simply be buffed out; even abrasive black pads can be used which would destroy many VCT tiles.





“

As an ESD auditor, it is a priority that the floor meets and maintains spec over the long term in order to keep our products safe. We audit every workstation monthly and Ameriworx™ SVT has never let us down. Our facility managers and supply chain managers greatly appreciate the seamless appearance and high durability that Ameriworx tile provides. We appreciate how Ameriworx SVT makes our facilities look as clean and bright as the hospital environments that our products service.

This summer, we are again entrusting Staticworx with the installation of a new ESD flooring system using Ameriworx SVT for our 25,000 sq. ft. production floor.

*Ed Morrill, ESD Control Coordinator  
Philips Healthcare, Andover, MA*



”

## 7 Installation peace of mind.

Designed to address installation concerns expressed by the construction industry, Ameriworx tiles fit together perfectly for gap-free floors. Staticworx will oversee and be responsible for the installation, providing a 1-year installation warrantee on labor/workmanship at the job site. Staticworx will test and verify the electrical performance of the finished floor and supply a Certificate of Compliance (COC).

## 8 Unaffected by UV rays and humidity.

The color of an Ameriworx tile is steadfast and will not fade or discolor from UV ray exposure. And being a solid-thru tile, Ameriworx is completely unaffected by ambient humidity.



Fawn Electronics, Nashville, NC

## 9 Earth friendly and lowest VOC and out-gassing parameters.



Ameriworx contributes toward satisfying Credits (4.1, 4.2 and 4.3) under LEED for low emitting materials and for recycled content: 10.4% pre-consumer recycled content. Enhancing Indoor Air Quality (IAQ), Ameriworx tile maintains the lowest VOC and out-gassing parameters in the industry. Poor air quality is a major contributor to employee illness and associated with Sick Building Syndrome (SBS). Ameriworx ESD flooring meets the VOC standards of the most rigorous environmental standards instituted by the State of California. Testing has shown zero detectable VOCs based on methods used for California 1350 Indoor Air Quality Testing.

All Staticworx adhesives contribute toward LEED Credits (4.1) for low emitting adhesives and sealants (zero VOC's).

## 10 Competitively priced.

Ameriworx SVT is sold direct to the contractor without the use of "distributors," essentially creating savings by cutting out the middleman.

### Do it right.

**Install Ameriworx now and avoid future maintenance and replacement costs later.**

*Did we mention that installing Ameriworx SVT reduces stress in the workplace?*

“

**Ameriworx™ SVT allowed us to greatly increase our productivity. With the tiles being perfectly square and having no variation in gloss or thickness, we essentially improved our productivity by as much as 20%. Considering that labor is as much as 30% of the total cost of a new floor, that can mean the difference between a contractor making money or losing money on a tight project.**

**Michael Alley, master flooring mechanic**  
(Installed all 32,000 sq. ft. of Ameriworx SVT at Fawn Electronics in Nashville, NC)

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## Choose the best ESD floor for your specific application.

Every application is unique and will differ in its static-protective requirements. There are many types of static control flooring, each with their own unique capabilities and limitations. As such, different ESD floors can be installed within the same facility to address the needs of individual workspaces. We will help you choose the best floor(s) for your specific circumstances, oversee the installation by one of our installation teams, and certify that the floor's electrical properties meet your specifications as well as current international standards.

### Staticworx ESD Vinyl

#### Ameriworx Series – Precision Milled Vinyl Tile

**Meets RoHS Directive.** Precision milled in the USA into perfectly square tiles, the Ameriworx Series permits quicker, tighter installations. Color runs the full thickness of the tiles to conceal surface blemishes. Because of their high density, they never require the expensive waxes used on porous floors. The Ameriworx Series enables grounding of mobile grounded work surfaces and is ideal for applications involving circuit board manufacturing. Meets all of the recommended parameters of ANSI/ESD S20.20 including: walking body voltage generation, resistance to ground and system resistance.


 Precision milled 12" x 12" standard

 Available in 24" x 24" as a custom order



#### Foundation Series – Premium ESD Vinyl Tile Flooring Systems

The Foundation Series offers permanent static control performance at the lowest total cost of ownership of any ESD flooring option available today. Encased conductive elements distributed throughout the tile ensure redundant conductive pathways. Staticworx warrants Foundation Series tile will meet or exceed the recommended electrical properties of ANSI/ESD S-20.20 for the life of the tile.\*

 Available in 24" x 24" x 3 mm thick tiles

### Staticworx Rubber ESD

Available in 2 levels of ESD protection, Electrically Conductive (EC) and Static Dissipative (SD), Staticworx Rubber Flooring Systems are perfect for a wide range of areas from a simple lobby to an R&D lab requiring Class Zero ESD protection. Staticworx Rubber ESD is easy to maintain and never needs conductive wax. Resistant to most oils, grease, chemicals and hot solder, our ESD Rubber withstands forklift/heavy wheeled traffic up to 850 PSI rolling load.

#### Staticworx Rubber EC Series

 Available in 24" x 24" x 2 mm thick tiles

 Available in 4' x 32.8' x 2 mm thick Electrically Conductive (EC) ESD Rubber Sheet Flooring (can be seam welded)

#### Staticworx Rubber SD Series

 Available in 39.37" x 39.37" x 3.5 mm thick tiles

### Staticworx ESD Carpet

Both of our ESD carpet lines have been awarded the Carpet and Rug Institutes' Green Label Plus certification for Indoor Air Quality.



#### The Conductors ESD Carpet Series

Combining style, ergonomics, extreme durability and Class Zero ESD performance for any static control application. The Conductors Series is engineered using recyclable materials and has the only ESD-grade "cradle to cradle" modular conductive thermoplastic PVC-free backing. An extremely durable carpet tile that also exhibits Class Zero ESD performance, The Conductors Series is better suited for installation in areas that place more demands on the flooring system such as electronics manufacturing, assembly, testing, repair, design and R&D.

 Available in 24" Carpet Tile

#### Resistors ESD Carpet Series

Combining gorgeous style and durability, this carpet series is ideal for networked offices, call centers and retail environments. Providing the same level of ESD protection as The Conductors Series, the Resistors Series is constructed of heavier yarns which create more luxurious styles — which may make it slightly more difficult to push heavy carts across its surface.

 Available in 24" Carpet Tile

### Staticworx ESD Epoxy Flooring

Hard as nails, tough ESD Epoxy Flooring provides ESD protection for the most demanding work environments. Contact your Staticworx representative to learn more about our superior line of ESD Epoxy Flooring.



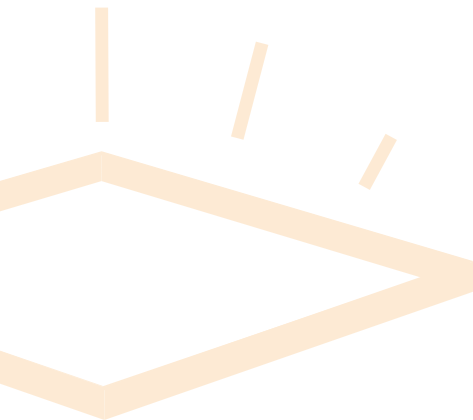
**All Staticworx flooring products carry a Lifetime Conductivity Warranty and are Roller Caster Electrical Test proven.**



**To see our full line of colors and styles for any of our flooring products, please call us for sample cards, visit us on the web, or send us an email at [sales@staticworx.com](mailto:sales@staticworx.com).**

\*Warranty for all products requires that the tile system is installed using Staticworx approved materials and procedures.





## SPECIFICATIONS

### Ameriworx Series

Precision Milled Solid Vinyl Tile

#### Composition:

Precision milled vinyl tile of high density resin with a conductive carbon matrix.

#### Electrical Performance:

Lifetime Warranty

#### Free from defects in workmanship and materials:

Lifetime Warranty

#### Maintenance:

No wax

#### Size:

12" x 12" (24" x 24" available as a custom order)

#### Adhesive and Spread Rate:

Covers Approx. 110 - 135 sq. ft/gal

#### Gauges:

3.2 mm

#### Grounding Material (Supplied with order):

One 2" x 24" copper strap installed every 1000 ft

#### Trowel Sizes:

1.6 x 1.6 mm (1/16" x 1/16") Square Notch with 1.6 mm (1/16") Flats

Static Dissipative and Conductive materials available.\*

#### \*Please note:

Static dissipative vinyl is a special order item. Static dissipative flooring does not adequately duplicate the grounding performance of wrist straps and may not meet all of the requirements of class zero handling or the recommended electrical parameters of ANSI/ESD S 20.20. For this reason, StaticWorx always recommends conductive vinyl tile for applications where a person may come in contact with static sensitive electronics. Please consult the StaticWorx technical department for supporting documentation regarding this important distinction.



# Are **you** grounded?™

## About Staticworx

As the thought leaders in static and ESD flooring, Staticworx has written and published an extensive number of articles for the ESD industry. The writings of company President and industry expert David Long have met the approval of editorial reviews and subsequently been published by industry journals like Conformity, Evaluation Engineering, Compliance Engineering and Controlled Environments. A speaker and consultant at many Fortune 500 companies, Dave is recognized throughout the U.S. as the foremost authority on static control flooring for applications ranging from medical device manufacturing and semiconductor fabrication to munitions and ordnance handling facilities.

Staticworx manufactures, installs and services the highest quality ESD flooring available today. Our company has installed tens of millions of square feet of ESD flooring throughout the U.S., Canada, Mexico, Australia, Singapore, New Zealand and the U.K. Some of our clients include EMC Corporation, Lockheed, Microsoft, Philips Healthcare, and Research in Motion. All Staticworx™ products are made in ISO-9000 certified factories and undergo rigorous testing by independent laboratories prior to shipment.

For clients who prefer a worry-free project, Staticworx will help you choose the best floor for your specific application, match your project with our best flooring installation team, oversee the installation, and test your new floor's electrical properties to be sure that it meets your specifications.

**Call us at 617.923.2000 or visit us at [staticworx.com](http://staticworx.com).**

**staticworx®**

PO Box 590069, Newton, MA 02459

t: 617.923.2000 f: 617.923.2009

[www.staticworx.com](http://www.staticworx.com)





## Ameriworx<sup>®</sup> Series

### Precision Milled Vinyl Tile

**Meets RoHS Directive.** Lifetime warranty. No heavy metals. Precision milled processing for perfectly square tiles enabling fast gap-free installations. Color runs the full thickness of tile. Never requires waxing. Available in both Conductive and Static Dissipative grades.

1215  
Spring Snow



MODELO EN STOCK EN **DELTA MILLENNIUM**

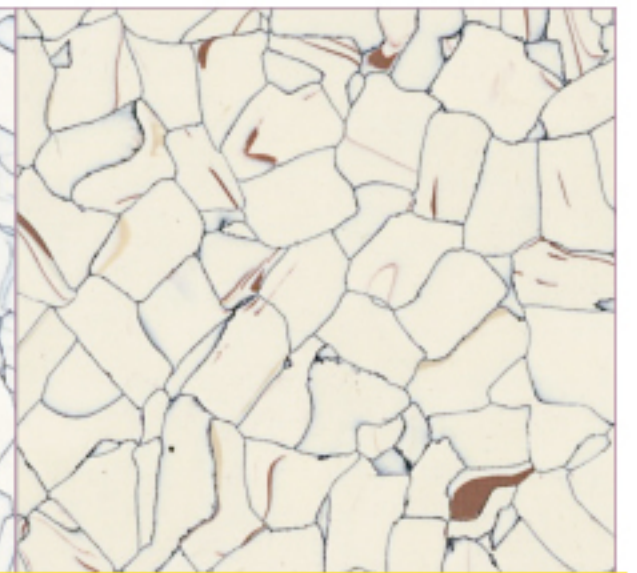
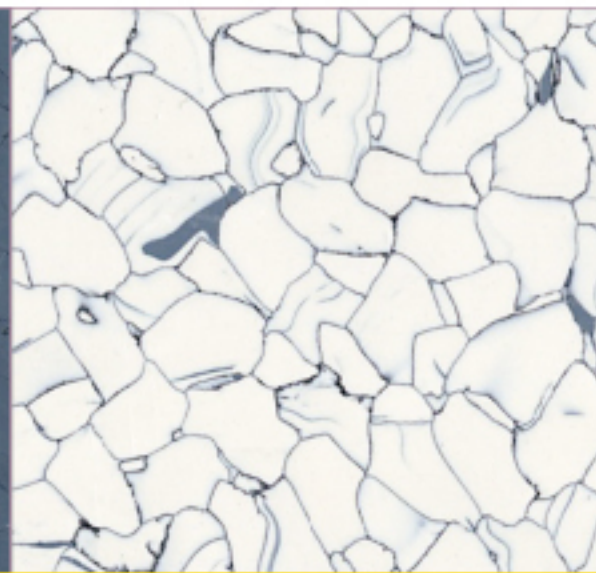
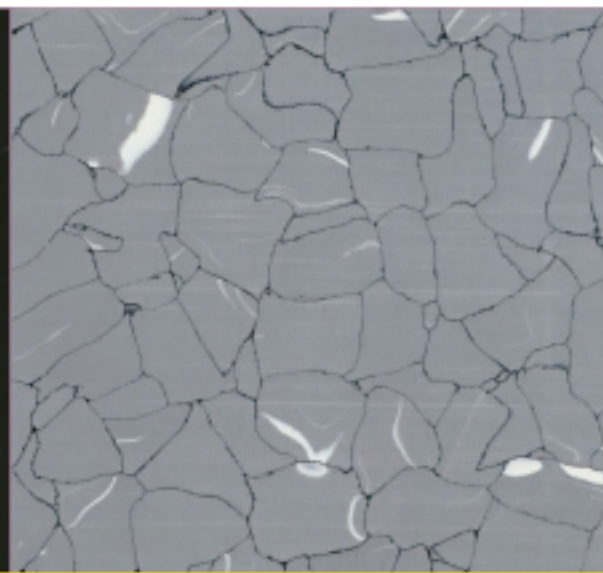
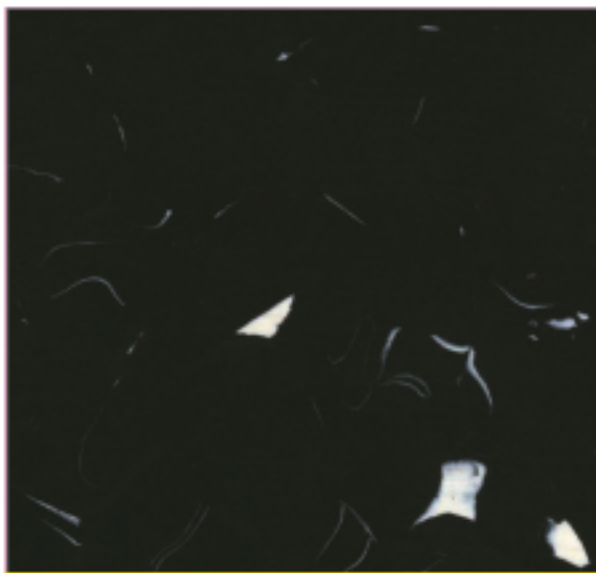
1204  
Adirondack Ridge



1201  
Shenandoah Valley



**MODELOS BAJO PEDIDO  
POR MÁS DE 300M<sup>2</sup>**



**MODELOS BAJO PEDIDO POR MÁS DE 300M<sup>2</sup>**

1207  
Black Hills\*

1205  
Great Plains\*

1206  
Appalachian Spring\*

1202  
Big Sky Country

1203  
Rio Grande

\* Black Hills, Great Plains, and Appalachian Spring are non-stock colors. Special orders only.



# Ameriworx® Series

Precision Milled Vinyl Tile



## SPECIFICATIONS

**Composition:** Precision milled vinyl tile of high density resin with a conductive carbon matrix. Pre-consumer recycled content > 10%.

**Electrical Performance:** Lifetime Warranty

**Free from defects in workmanship and materials:** Lifetime Warranty

**Maintenance:** No wax

**Size:** 12" x 12" (24" x 24", 36" x 36" available as custom sizes)

**Adhesive and Spread Rate:** Covers approx. 110 - 135 sq. ft./gal

**Gauges:** 3.2 mm

**Grounding Material (Supplied with order):** One 2" x 24" copper strap installed every 1000 ft

**Trowel Sizes:** 1.6 x 1.6 mm (1/16" x 1/16") Square Notch with 1.6 mm (1/16") Flats

## INDUSTRY TESTS

Category	Test Method	Results
Critical Radiant flux CRF (W/cm <sup>2</sup> )	ASTM E-648	> 1.0 W/cm <sup>2</sup>
Chemical Resistance	ASTM F-925	Excellent (Acids, Alkalis, Household Chemicals)
Electrical Resistance	ASTM F-150	Point to Point & Point to Ground: 50,000 – 1,000,000 Ohms
Electrostatic Propensity	AATCC-134	<12 volts
Fire Resistance (Steiner Tunnel)	ASTM E-84	< 75 (Class 1)
Electrically Conductive Floor Coverings	ANSI/UL 779	Meets UL Standard
Floor Materials – Resistive Characterization of Materials	ANSI/ESD.S7.1-2013 Conductive $\leq 1.0 \times 10^6$ $1.0 \times 10^6 < \text{Static Dissipative} \leq 1.0 \times 10^9$	Surpasses recommended standards of ANSI/ESD S20.20-2014
Floor Materials and Footwear-Resistance Measurement in Combination with a Person	ANSI/ESD STM97.1-2015 < 3.5 X 10 <sup>7</sup>	Surpasses recommended standards of ANSI/ESD S20.20-2014
Floor Materials and Footwear- Voltage Measurement in Combination with a Person	ANSI/ESD STM97.2-2006 <25 volts with conductive footwear	Surpasses recommended standards of ANSI/ESD S20.20-2014
Life Safety Code	NFPA 101	Passes
Smoke Density	ASTM E-662	$\leq 450$
Solid Vinyl Floor Covering Materials	ASTM F-1700	Conforms
Standard for Health Care Facilities	NFPA 99	Passes
Static Decay, Method 4046 at 15% RH	ASTM F-101C	5000 – 0 Volts in <0.01 sec.
Static Load	ASTM F-970	<0.001" RI @ 250 psi (1.125" diameter foot) 0.005" RI @ 2,500 psi (0.5" diameter foot)

## INDOOR AIR QUALITY INFORMATION

California Department of Health CDPH/EHLB/Standard Method Version 1.1, 2010 (Emission testing method for CA Specification 01350)

- CALGreen, CA Code of Regulations Title 24, Part II, 2010, Sections 4.504.4/5.504.4.6: Resilient Flooring Systems
- ANSI/ASHRAE/USGBC/IES Standard 189.1-2009, Section 8.4.2.3: Floor Covering Materials
- USGBC LEED CI, NC, Schools, 2009, IEQ Credit 4.3: LEM - Flooring Systems
- USGBC LEED for Healthcare, 2009 (Feb 2011), IEQ Credit 4: LEM, Group 3 - Flooring
- Collaborative for High Performance Schools (CHPS) rating system, 2009 Criteria EQ2.2.3: Flooring Systems
- Green Guide for Healthcare, V2.2, 2007, EQ Credit 4.3: LEM - Flooring Systems

## BENEFITS

- Gap-Free Installation: Precision milled edges eliminate gaps in installation. High density resin eliminates tile shrinkage.
- Color runs through entire thickness of the tile so that deep scratches do not reveal a different color — helps hide scratches.
- Never requires wax: High density resin reduces maintenance, resists scuff marks and staining, and overall is easier to keep clean.
- Ideal for extreme duty manufacturing applications.
- Meets requirements for Buy Federal American as well as RoHS directive.

## ORDERING

Subject to minimum order quantities. Contact your Staticworx representative for further information.

Static Dissipative and Conductive materials available.\*

\*Please note: Static dissipative vinyl is a special order item.