

## ESD Vinyl Tile

### Manufacturer

Roppe Corporation  
1602 N. Union Street  
P.O. Box 1158  
Fostoria, Ohio USA 44830-1158  
Website - [www.roppe.com](http://www.roppe.com)  
t: (419) 435.8546 tf: (800) 537.9527  
f: (419) 435.1056  
e-mail: [sales@roppe.com](mailto:sales@roppe.com)

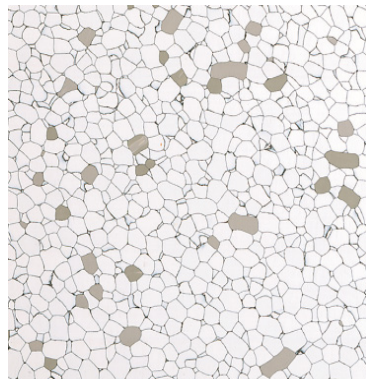
### Product Description

Roppe ESD Vinyl tile helps dissipate unwanted static electricity from the body in areas where static discharge can damage sensitive equipment and electronics or cause ignition of combustible materials. ESD Vinyl is available in Conductive and Dissipative Formulations, depending on the level of protection required.

### Features

Extremely Durable  
Does Not Require a Finish  
Excellent Slip Resistance  
FloorScore® Certified

Contains Conductive Material  
Excellent Chemical Resistance  
Recyclable (IMPACT Program)  
Qualifies for LEED® Credits



### ESD Vinyl Tile

Gauge: 1/8" (3.175 mm)

Nominal Dimensions - Standard:

12" x 12"

24" x 24"

36" x 36"

Quantity Per Carton:

45 pcs (12" x 12")

14 pcs (24" x 24")

6 pcs (36" x 36")

Colors: 9 Colors available

Copper Foil - (for common ground point) Available in 1" wide x 0.004" thick and 18" long (one per package)

Available in either: Conductive or Static Dissipative Tiles

Pre-Grooved (Beveled) Edges: Available in 24" x 24" and 36" x 36" for Heat Welded Unitized Tile Installation Systems

### Technical Data

LEED v2009 IEQ Credit 4.1: Qualifies  
ASTM F1700 - Solid Vinyl Tile: Class I, Type A  
ASTM E648 (NFPA 253) - Critical Radiant Flux: Class I, > 0.45 W/cm<sup>2</sup>  
ASTM E662 (NFPA 258) - Smoke Density: Passes < 450  
ASTM F970 - Static Load Limit: Passes, 250 PSI  
ASTM F970 - Max Weight: 2500 PSI  
ASTM F925 - Chemical Resistance: Passes  
ASTM D2047 - Slip Resistance: > 0.6  
Federal Standard Test Method 101c- Passes, 5000 v to 0 v  
Method 4046 (Conductive & Dissipative): in <0.01 sec.  
ANSI/ESD STM S7.1: Meets Requirements  
ANSI/ESD S20.20: Meets Requirements  
ASTM F150 - Electrical Resistance -  
0.25 MΩ - 1 MΩ (Conductive): 2.5 x 10<sup>4</sup> - 1 x 10<sup>6</sup>  
1 MΩ - 1000 MΩ (Dissipative): 1 x 10<sup>6</sup> - 1 x 10<sup>9</sup>  
AATCC-134 - Static Generation (Conductive): < 5 v  
AATCC-134 - Static Generation (Dissipative): < 20 v  
Acclimation Time: 48 Hours  
Storage & Acclimation Temperature: 65° - 85° F

### Approved Adhesive\* ([Visit our website for complete Adhesive recommendations](#))

ASD-800 Acrylic Wet-Set ESD Adhesive  
USD-810 Urethane Wet-Set ESD Adhesive

### Installation\* ([Visit our website for complete Installation instructions](#))

All materials are to be delivered to the installation location within 48 hours of installation in its original packaging with labels intact. Store products in a dry area protected from the weather with temperatures maintained between 65° F (19°C) and 85° F (30°C). DO NOT stack pallets. Remove all plastic wrapping and strapping from the pallets and un-box all material in the installation area at least 48 hours prior to installation.

### Maintenance\* ([Visit our website for complete Maintenance instructions](#))

Refer to the ESD Vinyl Tile Maintenance document for detailed instructions available on our website.

### Availability, Cost & Samples

Roppe Flooring products are sold through distribution. To locate the nearest distributor, visit [www.roppe.com](http://www.roppe.com). or send an email to [solutions@roppe.com](mailto:solutions@roppe.com)

### Technical Document Support

Additional product resources and technical documents are available online at [www.roppe.com](http://www.roppe.com). For additional technical support, send an e-mail to [solutions@roppe.com](mailto:solutions@roppe.com)

### Warranty

Roppe provides a limited 10 year commercial warranty and a Lifetime Electrical Resistance warranty for all ESD Vinyl Flooring installations that are installed with Excelsior ESD Adhesives and properly grounded with Copper Grounding Strips provided by Roppe. For additional information, see associated warranty documents.

**\*For complete adhesive, installation & maintenance instructions, visit [www.roppe.com](http://www.roppe.com)**