Static Dissipative ESD

Static Control Vinyl Flooring

MADE IN THE USA

PRODUCT SUBMITTAL

ROPPE.

Proven. Flooring. Experiences.

1. Manufacturer

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attach color submittal

sample here

2. Product Description

Roppe Static Dissipative Solid Vinyl Tile effectively takes static charges from the human body to ground in hospital operating rooms, anesthetizing areas, radiological facilities, clean rooms, computer/data processing rooms, chemical laboratories, electronics manufacturing, telecommunications installations, pharmaceutical manufacturing, ammunitions facilities, and other areas where explosive elements are used and static electricity presents a hazard. By using perminently placed conductive elements in the body of the tile and solid vinyl construction, Roppe Static Dissipative Tile has a Lifetime Electrical Warranty. Installations can be done on or below grade and on access panels

Sizes:
12"x12" (304.8mm x 304.8mm) nominal, 12 pcs per carton, 54 lbs
24"x24" (609.6mm x 609.6mm) nominal, 14 pcs per carton, 63 lbs
36"x36" (914.4mm x 914.4mm) nominal, 6 pcs per carton, 43 lbs

Thickness: 1/8" (3.175mm)

Sq. Footage per carton:
12x12: 45 (4.18 sq.m)
24x24: 56 (5.2sq m)
36x36: 54 (5.02 sq m)

Colors: 9 colors available: 750 Cumulus White, 751 Haze Gray, 753 Stratus Blue, 754 Storm Beige, 701 Neutron, 702 Electron, 760 Safety Yellow, 756 Thunder Blue and 757 Tornado Gray.

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

Available in either: Conductive or Static Dissipative Tiles.

Pre-grooved (Beveled) Edges: Available in 24"x24" (609.6mm x 609.6mm) and 36"x36" (914.4mm x 914.4mm) for Heat Welded Unitized Tile Installation System.

Vinyl Welding Rods:

Available Vinyl Welding Rod Colors: #122 Natural, #161 Snow, #165 Colonial Blue, #171 Sandstone, #174 Smoke, #197 Iceberg, #198 Ivory, #756 Thunder Black, #757 Tornado Gray & #760 Safety Yellow.

Vinyl Welding Rods Ordering Calculations:
For 24" x 24" Tiles: The total square feet of tile divided by 400 equals the number of rolls of vinyl welding rods required.
For 36" x 36" Tiles: The total square feet of tile divided by 600 equals the number of rolls of vinyl welding rods required.

Vinyl Welding Rods Packaging: Vinyl Welding Rods are 0.160" (4 mm) in diameter, and packaged in 400 linear foot rolls.

Custom Color Vinyl Welding Rods: Custom color matching is available.

3. Technical Data

Roppe ESD Conductive Static Control Flooring meets ASTM F 1700, Specification for Solid Vinyl Tile: Class I, Type A, Federal Specification SS-T-312B, Type III.

- **Size tolerance**: ± 0.016 in./lin Ft (0.4mm/305mm) F-2055
- **Thickness**: As specified ±0.005 in (0.13mm) F-386
- **Squareness**: Maximum 0.010 in (0.25mm) F-2055
- **Residual Indentation**: Average less than 8%, maximum single reading 10% F-1914
- **Flexibility**: 1 in. (25.4mm) mandrel, no crack or break F-137
- **Dimensional Stability**: 0.020 in/lin Ft. (0.51mm/305mm) F-2199
- **Resistance to Chemicals**: No more than slight change in surface dulling surface attack or staining F-925
- **Resistance to light**: Delta E< 8 ave. max F-1515.

4. Installation* (Visit roppe.com for complete Installation instructions)

Read the literature concerning the product description, product limitations, product installation, adhesive information, product maintenance, and warrant before installing the tile. All materials including recommended adhesive are to be delivered to the installation location in its original packaging with labels intact. Store products in a dry area protected from the weather on a smooth, flat, dry surface with temperatures between 65°F (19°C) and 85°F (30°C) before installation, during installation and 48 hours after the installation. Maintain room temperatures between, 65°F (19°C) and 85°F (30°C) thereafter.

Adhesives

ROP604 Acrylic ESD Adhesive: is a non-flammable, one part acrylic base adhesive for indoor installations over approved concrete and wood subfloors on grade or above grade. Should not be used where excessive rolling loads or lateral sheer stress exists and not used over non-porous substrates including but not limited to metal and below grade.

ROP605 Two-Part ESD Epoxy: is a non-flammable, high performance epoxy adhesive for indoor installation over porous and non-porous substrates on grade, below grade, or above grade. Must be used in areas subjected to rolling loads, lateral sheer stress and over non-porous substrates including but not limited to metal.

5. Maintenance* (Visit roppe.com for complete Maintenance instructions)

The tile must be properly cleaned before it is released for normal use. First, sweep and vacuum to remove dirt and other particulates, than damp mop the flooring with a mild, neutral pH cleaner.

6. Availability and Cost

Products are available through Roppe distributors. Contact Roppe Customer Service (800) 537-9527 or visit www.roppe.com.

7. Technical Assistance

Technical service information and assistance may be obtained by calling Roppe Customer Service at 1-800-537-9527, or by visiting www.roppe.com.

Samples may be obtained by may be obtained by calling Roppe Customer Service at 1-800-537-9527, or by visiting www.roppe.com.

8. Limited Warranty

Roppe Corporation manufactures and markets its floor products, ESD Tile, which is warranted for a period of (1) year from date of installation to be free of defects in material and workmanship. Roppe ESD Tile has a Lifetime Electrical Warranty when installed according to manufacturers recommendations.

***For complete installation and maintenance instructions visit www.roppe.com.**

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