



P.O. Box 70  
Bradenton, FL 34206  
Toll-free: (877) 463-9376  
Direct: (941) 751-7581  
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## ZeroStat TractionStat II

General Purpose, Slip-Resistant Anti-Static Tile

### **CONSTRUCTION:**

ZeroStat TractionStat II is a heterogeneous vinyl sheet floor covering with a compact calendared backing and flexible reinforce glass fleece innerlayer for dimensional stability. The scratch resistant PUR wearlayer contains colorfast pigments, transparent PVC chips and carborundum granules.

### **Color Pallet:**



TractionStat 2-8100



TractionStat 2-8200



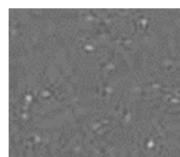
TractionStat 2-8300



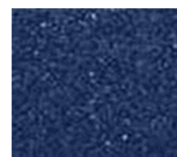
TractionStat 2-8400



TractionStat 2-8500



TractionStat 2-8600



TractionStat 2-8700



TractionStat 2-8800

### **PHYSICAL CHARACTERISTICS: (DIMENSIONS ARE APPROXIMATE):**

Width: 79" (2 Meters)

Length: 82 Linear Feet (25 Meters)

Gauge: 0.080" (2.0 mm)

Roll Size: 60 yards<sup>2</sup> (50 meters<sup>2</sup>)

### **PRODUCT PERFORMANCE AND TECHNICAL DATA:**

**Reference Specification:** ASTM F-1303 Type 1, Grade 1, Class B Backing

#### **Static Load Limit:**

850 Pounds Per Square Inch when tested in accordance with ASTM F-970-00, Standard Test method for Static Load Limit.

#### **Environmental:**

Compliant with CHPS 01350 requirements for VOC emissions and indoor air quality.

Contributes to the following LEED® v4 credits:

##### Materials & Resources

Credit 4, Option 2: Recycled Content (18% Pre-Consumer)

Prerequisite 2: 100% Recyclable Core and Stopper

##### Indoor Environmental Quality

Credit 2: Low-Emitting Materials

**Tensile Strength:** ASTM D-638: 673 p.s.i.

**Slip Resistance:** Meets or exceeds Federal Standards and A.D.A. recommendations of .6 for flat surfaces.



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**Fire Resistance:**

ASTM E-648/NFPA 253 (Critical Radiant Flux)--Class 1.

Meets 450 or less when tested in accordance with ASTM E 662/NFPA 258, Standard Test method for Resistance to Chemicals of Resilient Flooring.

**FAA Vertical Flammability:**

Meets or exceeds.

**Dimensional Stability:**

Meets or exceeds ASTM F-1303.

**Light Fastness:**

Most Colors achieve a 6 on the Blue Scale (Blue scale maximum is 8).

**Castor Resistance:**

During 30,000 cycles of a wheel loaded with 150 pounds. No damage.

**Electrical Resistance:**

ASTM 150/ EOS/ESD S7.1

<1 x 10<sup>10</sup> (With System Requirements)

**System Requirements:**

GZ-C2001 — 1-part, full surface conductive adhesive mechanism

TP-7521 — Copper foil underlayment grounding grid tape

SP-GNDPLT-ASM — Stainless steel ground termination plates

WR-COLOR — 1/8" Welding bead for seamless application

ZS-DIASEAL-XL — ESD floor glaze/sealer

**CHEMICAL RESISTANCE:**

Exposure time one hour

**Acids:**

Sulfuric (95%)

Sulfuric (5%)

Hydrochloric (Conc)

Nitric (Conc 70%)

Nitric (5%)

Hydrofluoric (Conc)

Acetic (5%)

Lactic

**Alkalis:**

Sodium Hydroxide (50%)

Ammonium Hydroxide(28%)

Soda Solution

Soap Solution (10 pH)

**Alcohols:**

Methyl

Ethyl

Butyl

**Aromatics:**

Phenol, Benzene, Xylene, Creso

**Acids:**

Very slight dulling

No effect

No effect

Very slight dulling

No effect

No effect

No effect

Slight dulling

**Alkalis:**

Very slight dulling

No effect

No effect

No effect

**Alcohols:**

No effect

Very slight dulling

No effect

**Aromatics:**

Very slight dulling



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**Alphatics:**

Oil, Gasoline, Kerosene, Mineral Oil  
Chloroform, Toluene  
Carbon Tetrachloride  
Trichlorethylene

**Ketones/Esters:**

Acetone, Methyl Ethyl Ketone Slight  
Amyl Acetate, Ethyl Acetate

**Miscellaneous:**

Silver Nitrate (40%)  
Ethyl Ether  
Formaldehyde (40%)  
Iodine, (10%) Betadine  
Clorox  
Urine  
Tar, Asphalt, & Rubber Products  
Methylene Blue

**Alphatics:**

No effect  
Slight dulling  
No effect  
No effect

**Ketones/Esters:**

surface attack/dulling  
No effect

**Miscellaneous:**

No effect  
No effect  
No effect  
Slight yellow stain  
No effect  
No effect  
Possible stain  
Slight blue stain

**Installation:**

The installation should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive flooring should be clean, fully enclosed and weathertight with the permanent HVAC must be fully operational, controlled and set at a minimum of 68o F (20o C) for a minimum of seven days prior to, during, and seven days after the installation. The flooring material (including adhesive and welding rod) should be conditioned in the same manner for a minimum of 48 hours prior to the installation. Areas to receive flooring shall be adequately lighted to allow for proper inspection of the substrate, installation and seaming of the flooring, and for final inspection.

**Substrates:**

Floors shall be sound, smooth, flat, permanently dry, clean, and free of all foreign materials including, but not limited to, dust, paint, grease, oils, solvents, curing and hardening compounds, sealers, asphalt and old adhesive residue. Wood floors should be double construction with a minimum total thickness of 1 inch. Wood floors must be rigid, free from movement and have at least 18" of well-ventilated air space below. Ground Zero Electrostatics, Inc. floor coverings should not be installed over wooden subfloors built on sleepers over on or below grade concrete floors without first making sure that adequate precautions have been taken to ensure the structural integrity of the system, and to prevent moisture migration from the concrete slab. Concrete substrates should be prepared in accordance with the latest version of ASTM F 710, Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring. Concrete shall have a minimum compressive strength of 3,000 psi. Patch and repair minor cracks and other imperfections using only the highest quality patching and leveling compounds in strict accordance to the manufacturer's recommendations for their use and application. Floor covering should not be installed over expansion joints. Suitable expansion joint covers should be used. It is essential that moisture tests be conducted on all concrete floors regardless of the age or grade level. Conduct calcium chloride tests in accordance with the latest version of ASTM F 1869, Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride. Measure the internal relative humidity of the concrete slab in accordance with the latest version of ASTM F 2170, Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes. One test of each type should be conducted for every 1,000 square feet of flooring (minimum of 3). The tests should be conducted around the perimeter of the room, at columns, and anywhere moisture may be evident. Concrete moisture vapor emissions must not exceed 8.0 lbs. per 1,000 square feet in 24 hours when using Ground Zero Electrostatics, Inc. GZ-C2001 adhesive. Concrete internal relative humidity must not exceed 85% when using Ground Zero Electrostatics, Inc. GZ-C2001 adhesive. A diagram of the area showing the location and results of each test should be submitted to the Architect, General Contractor or End User. If the test results exceed these limitations, the installation must not proceed until the problem has been corrected.



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**Note: Moisture tests indicate conditions at the time of the test only. The absence of an acceptable vapor retarder under the slab, changes in the environment, or other circumstances beyond Ground Zero Electrostatics, Inc.'s control, may lead to adverse changes in the moisture condition of the concrete. Ground Zero Electrostatics, Inc.'s warranty shall not be extended to cover damage or failures caused by moisture conditions in excess of specified limits that occur after the time of initial testing or installation.**

**Adhesive:**

Use Ground Zero Electrostatics, Inc.'s GZ-C2001 adhesive. Use a 1/16" x 1/16" x 1/16" U notch trowel. Spread Rate: Approximately 150 square feet/gallon.

**Heat Welding:**

Seams must be heat welded. Use only Ground Zero Electrostatics, Inc.'s TractionStep2 welding rod. Welding rod dimensions: 4 mm; 165 linear feet per spool.

**Flash Coving (OPTIONAL):**

Flash cove up walls to the desired height. Use Ground Zero Electrostatics, Inc.'s GZ-C2001 adhesive.

**Installation Guidelines:**

Refer to Ground Zero Electrostatics, Inc.'s Installation Guide for complete installation guidelines.

**WARRANTY:**

Limited 5-year warranty.

**CARE AND CLEANING:**

After installation is completed, allow a minimum of 5 days for the adhesive to properly bond and cure before conducting wet cleaning procedures. See Ground Zero Electrostatics, Inc.'s Maintenance Instructions for additional information.