



StatCon™ SC-7184 ESD Floor Finish Concentrate with UV Additive

New Product Announcement

Description

Statcon™ SC-7184 is a revolutionary new ESD floor finish concentrate that can be applied over non ESD tiles/paint to protect and lengthen the longevity and also maintain the ESD properties. The Statcon™ SC-7184 formula has a UV room cured additive which was developed at Static Solutions USA lab in order to produce a longlasting economical system. The system consists of a UV additive and floor finish concentrate that is diluted 50% with water. This increases the adhesion to the substrate, eliminates greasiness at high humidities and also increases the longevity of the ESD properties, Industries clean room, and electronics. Static Solutions is the only company that manufactures five ESD floor finishes meeting all applications and industries in their USA plant. Product available in gallons, 5 gallon pails, and 55 gallon drums. Because the floor finish is a concentrate the product shipping cost, and storage space is greatly reduced. The end user merely adds water to bring the system up to full activity solids.

Benefits

- UV Additive - Increase substrate adhesion, increases, ESD longevity, and reduces greasiness
- Cost: Since it is a concentrate the shipping cost is reduced since the water percentage is low
- Static Dissipative: protects electronic devices from ESD damage. The electrical resistivity is 10^7 - 10^9 ohms/sq. This value meets or exceeds the S.20.20- 2007 stds
- High Abrasion Resistance: long lasting, saves money on repetitive applications and repetitive shipping costs due to the UV additive
- High Gloss: aesthetically appealing
- Low Tribogeneration: protects devices from ESD damage
- UL Listed: slip resistance
- No formaldehyde, glycol ether DE , DPP, phosphates, alkylphenol, ethoxylate, butoxyethanol, petroleum distillates or phthalates, no alkalis, acids or ammonia: safe to use
- Water-Based: dries quickly, safe to use, biodegradable, non-flammable and low odor



Removal of Black Shoe Marks

Black shoe marks can be removed by spray buffing with a 50:50 solution (floor finish/water) using a white/beige buffing pad at 1000-1500 RPM or use a clean mop pad. Recoat to increase electrical conductivity as required. Allow to dry. For heavy dirt a diluted 10:1 FC-4500 can be used.

Storage

Store tightly closed in a cool dry area. Do not mix other floor finishes or left over product from previous applications.

Directions

Initial Application: Read full product information sheet.

- Before application, remove old coating with an emulsifying type floor stripper such as Ohm-Shield™ FS-3500.
- Strip, pick up twice and neutralize with water. Allow to dry.
- Dilute the finish 50-50 water to Statcon™ SC-7184.
- Apply 2-3 coats of Statcon™ SC-7184 floor finish with a clean rayon mop over floor.
- Allow at least 1-2 hours for drying time between coats. Coated floor under 500 ft. should be earth grounded for rapid dissipation. For increased properties apply a third coat 24 hours later.

Maintenance Cleaning:

- Dry mop area daily
- For light stains use a 50:50 blend of water and Statcon™ SC-7184 Floor Finish
- DO NOT DAMP mop with water. Use diluted Ohm-Shield™ FC-4500 cleaner to remove heavy dirt
- 10 parts water to one part FC-4500 cleaner
- Recoat every 4-8 weeks or as needed
- Measure electrical resistivity weekly
- Strip floor annually

Warranty: Static Solutions expressly warrants that for a period of 1 year from the date of purchase any Static Solutions product will be free of defects in materials and will function within its specifications. Within the warranty period, the product will be repaired or replaced at Static Solutions option with no cost to the customer as long as Static Solutions receives notice during the warranty period. Defective products must be shipped prepaid to Static Solutions, Inc.'s factory. Call Static Solutions customer service at 978.310.7251 for a return authorization number. Include a copy of the invoice, packing slip, or other proof of purchase.

Warranty Exclusion: The foregoing express warranty is made in lieu of other product warranties express and implied, including merchantability and fitness for a particular purpose which are specifically or indirectly dis-claimed. The express warranty will not apply to defects or damage due to neglect, misuse, accidents, alterations, operator error, failure to properly maintain, follow instruction, or failure to clean or repair products.

Limit of Warranty: In no event will Static Solutions or seller be responsible or liable for special, incidental or consequential losses or damages, whether based on contract or the use of or inability to use the product. Before using the product users shall determine the suitability of the product for their intended use. The users assume all risk and liability whatsoever in connection therewith. Fulfillment of Static Solutions warranty obligations will be the customer's exclusive remedy and Static Solutions and seller's limit of liability for any breach of warranty or otherwise.

Specifications

Active Ingredients	Proprietary static dissipative compounds
Surface Resistance (RTT) ANS/ESD-S7.1-1994	10 ⁶ -10 ⁹ Ohm @ 100 volts
Electrostatic Decay Time EIA 541	0.1 seconds
Slip Resistance ASTM-D2047-5	0.5 minimum - UL listed
Percent Solids	36% +/- 0.5%
pH	8.0-9.0
Free Ammonia	None
Free Alkali	None
Free Acid	None
Phosphates	None
Color	Milky white
Odor	Mild
Solubility in Water	100%
Freeze.Thaw Stability	3 cycles
Shelf Life	1 year
Flash Point	None
Weight Per Gallon	8.6 lbs.
Biodegradable	Yes
VOC	0%
Coverage	3,000 - 4,000 sq. feet per gallon (use test sample to determine)

43 Broad Street
Hudson, MA 01749
Tel: 978-310-7251
Fax: 978-310-7146
Web: www.staticsolutions.com
E-mail: contactus@staticsolutions.com

