DuraCare ESD™ Floor Finish – Low-VOC ESD Floor Finish

Reduce Scuffing and Cleaning Requirements with This Durable ESD Finish

Your ESD flooring is not just any flooring product, but a functioning, technical component of your static-sensitive work environment. Using the wrong maintenance products on your floor can render it ineffective. Protect your investment by using DuraCare ESD™, specifically designed for use in maintenance programs whose goal is to reduce static electricity build-up and increase the conductivity of surfaces in areas where sensitive electronic components are being used or manufactured.

All homogenous, ESD floor tiles have a relatively soft make-up and can be scratched and scuffed if subjectedto high-traffic and black shoe soles. In these demanding environments, sealing your ESD vinyl floor can help to reduce maintenance requirements and keep the floor looking better, longer. Standard floor finishes, however, can't be used because they'll mask the conductive properties of the ESD floor and render it ineffective. DuraCare ESD™ has a conductive additive that bonds with the ESD flooring and works in conjunction with your ESD floor. So, it will enhance the maintenance of your floor and protect its conductive properties. DuraCare ESD™ is designed specifically to work with standard homogenous vinyl ESD flooring as well as products with a conductive urethane coating.

Use

NOTE: All previous versions of DuraCare ESD™ or other pre-existing floor finishes must be removed with CleanStrip ESD™ Stripper prior to the application of DuraCare ESD™.

Floor surfaces should be 60°F or warmer and in relative humidity conditions between 40-60%. Remove old finish with CleanStrip ESD™. Follow directions on stripper label for application.

Initial Application: Sweep the floor to remove any loose dirt or dust. Wash the floor with ProtectOhm™ ESD Floor Cleaner to remove dirt and soil. Apply thin even coats, allowing 1 to 2 hours between coats depending on humidity conditions. The frequency of refinishing will vary depending on the efficacy of the maintenance program and environmental conditions. Two coats of DuraCare ESD™ are recommended for static dissipative or conductive tiles. Apply thin even coats, allowing 1 to 2 hours between coats depending on humidity conditions. No more than 3 coats should be applied in a 24-hour period.

Routine maintenance: Floor surfaces should be swept with an untreated mop daily. DuraCare ESD™ should be damp mopped only with ProtectOhm ESD™ floor cleaner regularly, to remove soil, salt, and film deposits which can degrade the coatings static dissipative properties and gloss. Spray buffing or high speed burnishing with a soft polishing pad and misting the floor with DuraCare ESD™ is recommended to maintain optimum appearance and static dissipating properties. Do not buff or burnish any sooner than 5 days after the last coat of DuraCare ESD™ is applied.

For optimum results do not apply during excessively humid conditions (>60% RH) and do not dry buff or dry burnish.

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SPECIFICATIONS

Base	No-Zinc Acrylic Polymer
Description	Aqueous Acrylic Emulsion
Color	White Liquid – Dries Clear
Resistivity-ANSI/ESD S7.1	$<10^9$ Ohms @ 12% Relative Humidity
Weight Per Gallon	8.4-8.6
Slip Resistance (ASTM)	0.5 minimum
Freeze/Thaw Stability	3 cycles minimum
Drying Time	1-2 Hours
Gallon Coverage (Feet2)	1500 - 2000 ft2

SAFETY INFORMATION

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

This material is not a hazardous mixture as defined in 29 CFR 1919, 1200 and M.G.L. c. 111F.

Safety glasses and gloves should be worn during application and handling.

If ingested, drink milk, water, or fruit juice and induce vomiting with oil of ipecac. In the event of eye contact, flush area with water for 15 minutes.
Contact a Physician.

For detailed information, consult MSDS sheet.

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