

staticWorx[®]
GroundSafe[®] ESD Flooring



LabCon All-In-One, 4 Component SD Flooring System
High-performing ESD Protection, Installs quickly with minimal downtime

Highlights

- Can be installed in occupied spaces directly over other surfaces
- High-performance ESD protection
- Static dissipative; measures 10E6 to 10E9
- Complies with all ESD industry standards
- Long-lasting, durable
- Designed for high-traffic, heavy-duty use
- StainBlok surface treatment = Never needs wax or finishes
- Chemical & Stain resistant
- Easy seamless install with StaticWorx RapidINSTALL System

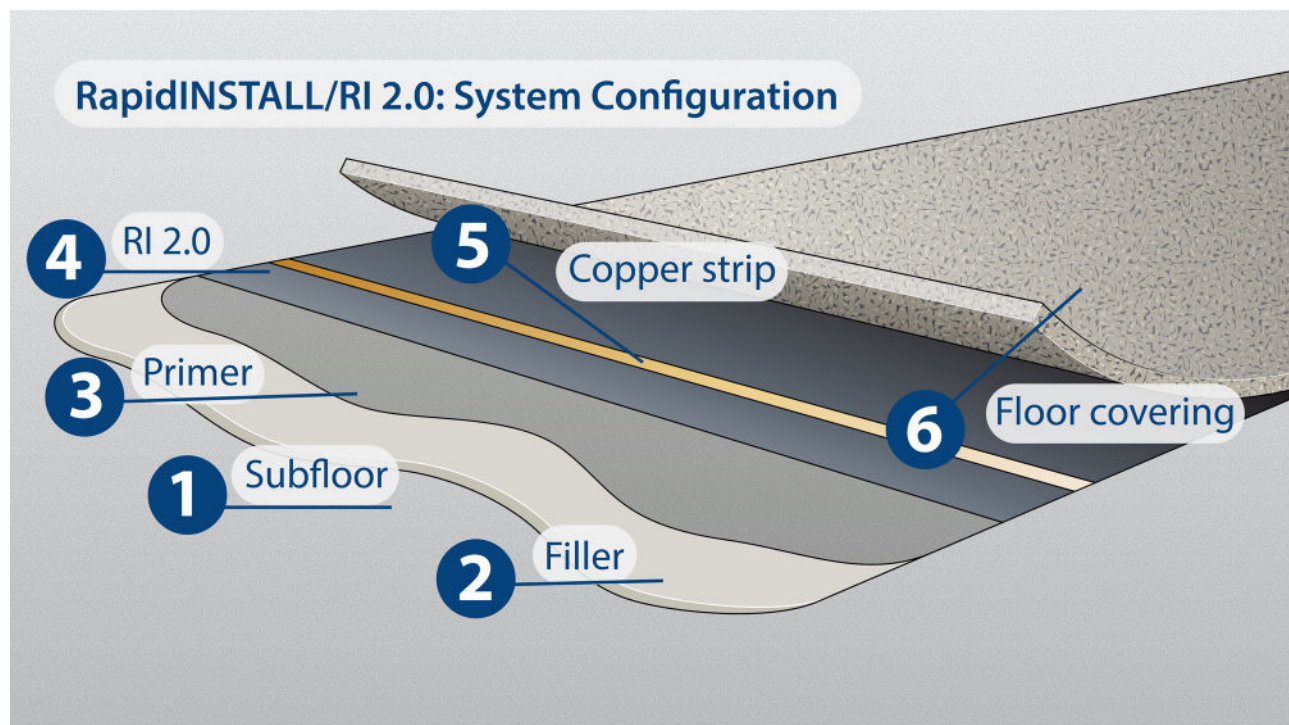
LabCon ESD Flooring System

LabCon .080 sheets
RI 2.0 Conductive 0 VOC dry adhesive system

Seam welding rod

26 gauge Copper Grounding Strips

Ideal for Labs, Cleanrooms, Data Centers, Electronics Manufacturing, and other demanding, high-traffic environments.



StaticWorx LabCon flooring integrates aesthetics, durability, stain resistance and static control with zero compromise

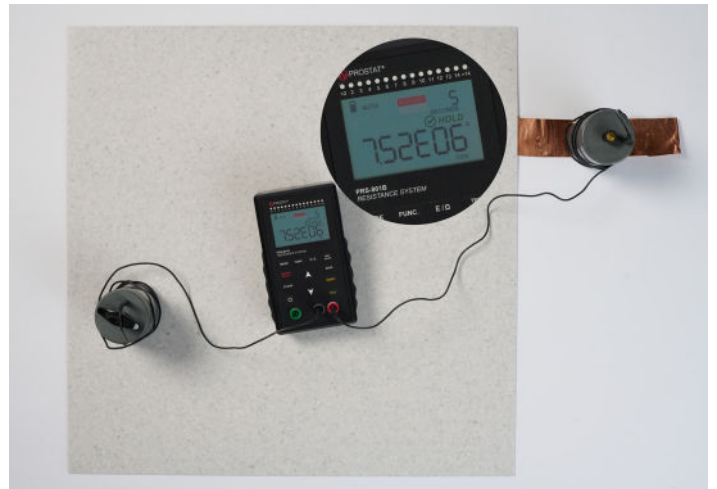
LabCon Flooring – Beauty, Strength, and Static Control in One Solution

- All-in-one performance: Integrates aesthetics, durability, stain resistance, and static control with no trade-offs.
- Tough in critical spaces: Resists stains, scratches, and chemicals—ideal for production lines, research labs, cleanrooms, and electronics manufacturing.
- Permanent static control: Static-dissipative range of $10E6$ to $10E9$ ohms, engineered for reliable ESD protection over the long term.
- Built to last: Delivers consistent performance and durability in the most demanding environments.
- Design versatility: Available in six attractive colorways for floors and work surfaces.

High Performance ESD Protection

LabCon static-dissipative vinyl provides permanent static protection, ensuring that any electrostatic charges generated by personnel or moving equipment are safely dissipated through the flooring to ground.

Unlike some other ESD flooring solutions that require regular reapplication of ESD polish or wax, LabCon's static dissipative properties are inherent in the flooring material. LabCon floors do not require special ESD polishes or wax and its ESD properties never degrade over time.



Technical Details

Meets All Industry ESD Standards

LabCon flooring and work surfaces comply with the most stringent industry standards, including:

- ANSI/ESD S20.20
- ASTM F1700
- IEC 61340-5-1
- ISO cleanroom standards

Electrostatic Testing

- ASTM F150 (Electrical Resistance): 10E6 to 10E9 ohms
- ANSI/ESD S7.1 (Protection of Electrostatic Discharge of Susceptible Items – Flooring Material): 10E6 to 10E9 ohms
- ANSI/ESD STM 97.1 (Resistance to Ground): < 10E9 ohms
- ANSI/ESD STM 97.2 (Body Voltage Generation): < 100

LabCon Flooring

The Clear Choice for Labs and Cleanrooms

StaticWorx LabCon static-dissipative (SD) sheet flooring combines high-performance static control with the durability to thrive in demanding, high-traffic labs and cleanrooms. Designed to mimic the beauty of natural stone, LabCon delivers exceptional aesthetics with minimal maintenance.



Colorways





Physical Characteristics

- Thickness: .080" (2 mm)
- Sheets: 6'6" x 75'6" (2m x 23m)
- Ideal for applications requiring seamless, uninterrupted surface; can be seam-welded

Product Performance

Specifications	LabCon Static-dissipative Vinyl
Sheet Material	Meets ASTM F1913 Vinyl Sheet Floor Covering
Static Coefficient of Friction	(ASTM D2047): ≥ 0.5 SCOF
Resistance to Light	(ASTM F1515): $\Delta \leq 8$
Static Load Limit (ASTM F970)	250 psi $\leq 0.005''$ Modified 2000 psi: $\leq 0.005''$
Flammability (ASTM E648)	Class 1 (>0.45 W/cm ²)
Electrostatic Testing	ASTM F150 (Electrical Resistance): 10E6 to 10E9 ohms ANSI/ESD S7.1 (Protection of Electrostatic Discharge of Susceptible Items – Flooring Material): 10E6 to 10E9 ohms ANSI/ESD STM 97.1 (Resistance to Ground): $< 10E9$ ohms ANSI/ESD STM 97.2 (Body Voltage Generation): < 100 volts

Sustainability

Embodied Carbon (Cradle to Gate)	5.24 kg CO2 eq/sq meter
Indoor Air Quality	FloorScore CDPH 01350 compliant CERTIFIED asthma & allergy friendly®  
Responsible Materials	Free of ortho phthalates, PFAS, and all six classes of harmful chemicals

StaticWorx RapidINSTALL Installation System

With our RapidINSTALL system, using StaticWorx RI 2.0 conductive dry adhesive, you can install LabCon flooring quickly and easily with minimal downtime. The new floor is ready to accept traffic within minutes of installation.

Applications

LabCon ESD vinyl is a multi-solution system, ideal for labs, cleanrooms, data centers, telecom or electronics manufacturing or assembly spaces.

- **Electronics Manufacturing and Assembly:** StaticWorx LabCon ESD vinyl sheets offer reliable static control, protecting devices like semiconductors, printed circuit boards (PCBs), and microchips from static-induced failures during manufacturing, assembly and testing.
- **Healthcare and Laboratories:** LabCon static-dissipative vinyl flooring helps to maintain the integrity of the equipment in laboratories, cleanrooms, and production areas, ensuring that static doesn't interfere with sensitive procedures or equipment calibration.
- **Data Centers and Telecommunications:** LabCon's static-dissipative properties ensure a controlled environment that reduces the risk of static build-up and the associated downtime or equipment failure.

LabCon static-dissipative vinyl protects your processes, your equipment, and your reputation - from the ground up.