



 **Spray-Lock** <sup>®</sup>  
PREMIUM ECO ADHESIVES

**Premium ESD Adhesive**

# ESD Flooring Adhesive

## Engineered to enhance safely-grounded static charges

Engineered to enhance the floor's ability to bring static charges safely to ground, Spray-Lock® ESD Adhesive provides major cost and time savings compared to traditional ESD epoxy adhesive applications.

Spray-Lock® ESD Adhesive is so advanced it provides a safe path to ground while using 80% less adhesive and offering superior protection against sub-floor moisture and pH.

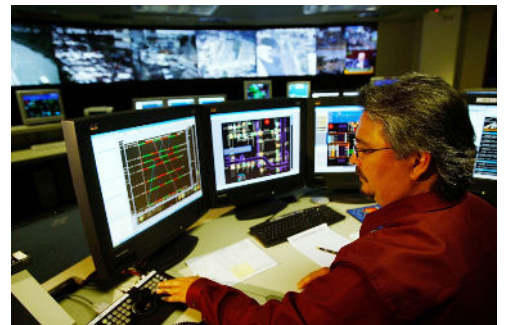
Spray-Lock® ESD Adhesive is recommended for Electronic Manufacturing, Health Care, Mission Control, IT Equipment and Computer Server Rooms.



Electronic Manufacturing



Healthcare



Mission Control



### Materials we adhere:

- ESD vinyl tile
- ESD sheet vinyl
- ESD carpet tile
- Other ESD flooring materials

### Suitable substrates:

- Concrete
- Underlayment grade plywood
- Metal
- Existing ESD vinyl tile
- Raised access panels
- Epoxy

### High moisture & pH tolerance:

Spray-Lock® ESD can withstand elevated moisture content of 7 lbs MVER / 85% RH with an 11 pH tolerance.

### No sealers required:

No sealers required for most high moisture applications.



### No HVAC Shutdown:

Spray-Lock® ESD eliminates the need to shut down HVAC when installing in occupied spaces.

### 80% less adhesive used:

Spray-Lock® ESD is designed with the environment in mind. This is the only technology that conserves 80% of the adhesive that is typically applied to adhere flooring. Spray-Lock® supports the reuse and recycling of ESD flooring due to the reduction of adhesive applied.

### Indentation:

Spray-Lock® ESD uses 80% less adhesive, therefore eliminating adhesive indentation and displacement.

### Allows all floor traffic immediately:

Spray-Lock® ESD is the only adhesive with sufficient shear strength that will allow immediate foot traffic, trade traffic and heavy rolling loads after installation.

### Replaces epoxy:

Spray-Lock® ESD adhesives replace the need for expensive epoxy adhesives under ESD floors. It works better under ESD floors with heavy rolling loads or other heavy point loads because it eliminates the deep bed of troweled adhesive

### Working time 1 hour:

Spray-Lock® ESD has a 1 hour working time once the adhesive has tacked. Adhesive has tacked once it is dry to the touch (10-30 minutes).

### Heat weld same day:

Spray-Lock® ESD allows heat welding of tile or sheet vinyl one hour after installing the flooring. Conventional adhesive calls for heat welding at a minimum of 24 hours after installation. Spray-Lock® doesn't create a thick bed of adhesive that will boil and release the flooring.

### Reduce work related injuries:

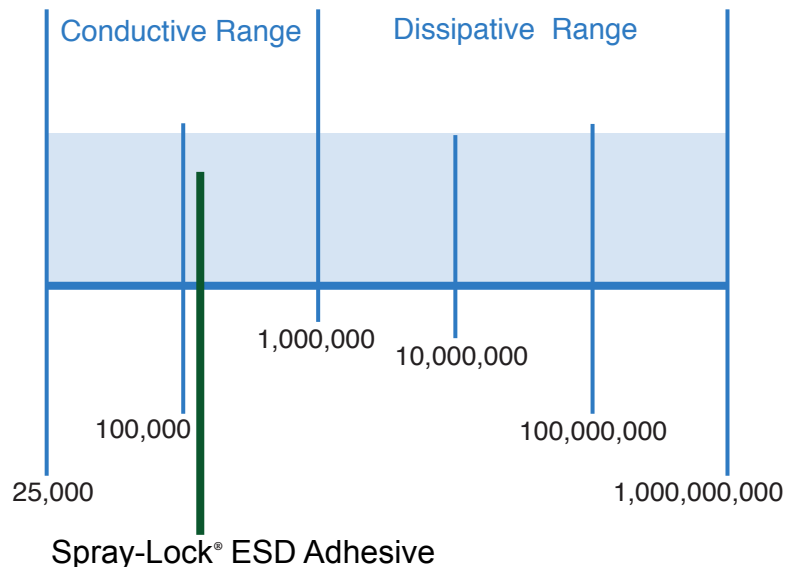
Spray-Lock® ESD allows the installer to apply adhesive standing up. This greatly reduces shoulder and back injuries that are associated with trowel applied adhesives.

### Easy clean up:

Adhesive can be removed with water while adhesive is still wet.

ESD Flooring Systems applied with Spray-Lock® ESD adhesive, were tested according to ANSI ESD S 7.1 yielding a rating of "very conductive".

At both Surface to Ground and Surface to Surface testing, our products rated at  $1.0 \times 10^5$  or better in an environmental relative humidity of both 50% and 12%. When tested according to ANSI/ESD S20.20 at RH of both 50% and 12% our products are in compliance with the standard when tested as a system with approved ESD vinyl tile and ESD carpet tile.



## Product Benefits

### Spray-Lock® ESD

### Conventional ESD Adhesives

7LBS. MVER, 85% RH, 11 pH



Allows all foot & trade traffic immediatley



Supports most ESD flooring systems



Heat weld in 1 hour



Safe to install in occupied spaces



Wax/finish floors immediatley



High moistureand pH tolerance



No trowel marks



No epoxies needed



Supports reuse and recycling of flooring



2 year shelf life



0.020 g/ml VOC content



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