



# ResinDek ESD Floors World's #1 Direct-Sales Computer Supplier



AP/Wide World Photos.

*Dell manufacturing facility with ResinDek products installed*

**ResinDek® ESD** is designed to exceed industry requirements for static controlled flooring, shelving and work surfaces.

ResinDek ESD in ESD-control programs provides protection throughout the manufacturing, transportation and storage of sensitive devices.

ESD losses can result in any of the following:

- ◆ Lost time
- ◆ Connection down-time
- ◆ Data loss
- ◆ Shocks to personnel
- ◆ Systems upset due to reboots
- ◆ Equipment damage

Past industry studies have indicated that 30% of all electronic failures can be attributed to electrostatic damage. Vulnerability is increasing as RFID technology and smaller electronic devices emerge.

When the world's #1 direct-sale computer supplier built their 527,000 sq. ft. manufacturing facility in North Carolina, they selected ResinDek ESD.

The flooring was further enhanced by installing the patented Invisi-Loc® underside fastening system, which hides unsightly fasteners.

### **Invisi-Loc®**

An underside fastening system that secures panels underneath rather than on top to provide a smooth, easy-to-clean surface.



## Leave it to the experts to select ResinDek ESD.

visit our website at: [www.resindek.com](http://www.resindek.com)

ResinDek ESD panels comply with the following ANSI/ESD Association specifications:

### ANSI/ESD S7.1-2005

Resistive Characterization of Materials—Floor Materials.

### ANSI/ESD S20.20-2007

Protection of Electrical and Electronic Parts, Assemblies and Equipment.

### ANSI/ESD STM97.1-2006

Floor Materials and Footwear—Resistance Measurement in Combination with a Person.

Testing results are summarized as follows:

- ◆ Average point-to-point resistance =  $6.6 \times 10^6$  ohms
- ◆ Average point-to-ground resistance =  $7.8 \times 10^6$  ohms
- ◆ ResinDek ESD panels generated less than 10 volts with static controlled footwear, and experienced a rapid voltage decay from 5,000 volts to less than 50 volts in under .50 seconds

ResinDek ESD panels were tested by Stephen Halperin & Associates



### ResinDek® Mezzanine Floor Panels



Product Name	Live Dead Pallet Jack Limits	Thickness	Finishes Available		
			Unfinished	GDS, CDS	ESD
ResinDek® XLD <sub>50</sub>	up to 1,250 lbs	1/2"	■	■	■
ResinDek® LD <sub>50</sub>	up to 2,000 lbs	1/2"	■	■	■
ResinDek® LD	up to 2,000 lbs.	3/4"	■	■	■
ResinDek® MD	up to 3,000 lbs.	3/4"	n/a	■	■
ResinDek® HD	up to 4,500 lbs.	3/4"	n/a	■	■
ResinDek® MAX	Up to 8,000 lbs.	1-1/2"	n/a	■	■
ResinDek® Xspan®	Up to 3,000 lbs - No Corrugated	1-1/8"	n/a	■	■

#### Finishes Available

Gray Diamond Seal®  
Clear Diamond Seal®  
ESD Certified Static Control

#### Options

Invisi-Loc® fasteners  
T & G Configurations  
No Added Formaldehyde

All ResinDek Products can contribute towards earning points for LEED® qualified buildings.

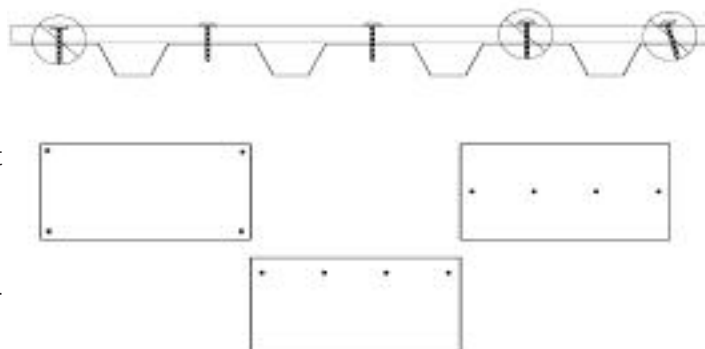
### Installation Instructions for Grounding Screws

1. Install ResinDek® panels using ResinDek® Screws, and ResinDek® Installation Instructions.
2. Install four (4) grounding screws per 4'X 8' panel. Larger panels will require additional grounding screws. Examples of grounding screw installation patterns can be seen at right. Distance to the closest screw must not exceed 4', regardless of panel size.
3. Take care to install grounding screws flush with top face of ResinDek® panels, and perpendicular with deck surface. Screws must be installed a minimum of 1" from all panel edges.
4. Be careful not to strip out screws from the corrugated decking. For best results, use a hand screw gun for installation of grounding screws.

Failure to properly install grounding screws will void the ESD portion of this warranty!

### Cross Section

Screws must be flush with deck surface!



Sample Installation Patterns on 4' x 8' or Smaller Panels

For more information regarding ResinDek products, installation, and its 7-year warranty please contact:



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