## ESD FLOORING SELECTION CHART

<table>
<thead>
<tr>
<th>Carpet</th>
<th>Broadloom</th>
<th>Vinyl Sheet</th>
<th>Vinyl</th>
<th>Epoxy</th>
<th>Rubber</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ESD Performance</strong></td>
<td><strong>Excellent</strong></td>
<td><strong>Good</strong></td>
<td><strong>Excellent</strong></td>
<td><strong>Excellent</strong></td>
<td><strong>Good</strong></td>
</tr>
<tr>
<td><strong>Cost</strong></td>
<td><strong>Moderate</strong></td>
<td><strong>Lowest</strong></td>
<td><strong>Low</strong></td>
<td><strong>Moderate</strong></td>
<td><strong>Highest</strong></td>
</tr>
<tr>
<td><strong>Durability</strong></td>
<td><strong>Not recommended for heavy loads</strong></td>
<td><strong>Not recommended for heavy loads</strong></td>
<td><strong>Sweeping &amp; Damp Mopping Required Buffing &amp; Waxing Optional</strong></td>
<td><strong>Sweeping &amp; Damp Mopping Required Buffing &amp; Waxing Optional</strong></td>
<td><strong>Sweeping &amp; Damp Mopping Required Sealing Optional</strong></td>
</tr>
<tr>
<td><strong>Maintenance</strong></td>
<td><strong>Low - Vacuum Only Hot Water Extraction as Req.</strong></td>
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<td><strong>Sweeping &amp; Damp Mopping Required Buffing &amp; Waxing Optional</strong></td>
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</tr>
<tr>
<td><strong>Installation</strong></td>
<td><strong>Average</strong></td>
<td><strong>Easiest</strong></td>
<td><strong>Average</strong></td>
<td><strong>Average</strong></td>
<td><strong>Most Difficult</strong></td>
</tr>
<tr>
<td><strong>Slip Resistance</strong></td>
<td><strong>Excellent</strong></td>
<td><strong>Excellent</strong></td>
<td><strong>Good</strong></td>
<td><strong>Good</strong></td>
<td><strong>Superior</strong></td>
</tr>
<tr>
<td><strong>Chemical Resistance</strong></td>
<td><strong>Poor</strong></td>
<td><strong>Not Recommended</strong></td>
<td><strong>Good</strong></td>
<td><strong>Good</strong></td>
<td><strong>Epoxies – Good Urethane - Best</strong></td>
</tr>
<tr>
<td><strong>Acid, Alkali and Solvent Resistance</strong></td>
<td><strong>Poor</strong></td>
<td><strong>Not Recommended</strong></td>
<td><strong>Good</strong></td>
<td><strong>Good</strong></td>
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</tr>
<tr>
<td><strong>Sound Absorption</strong></td>
<td><strong>Excellent</strong></td>
<td><strong>Excellent</strong></td>
<td><strong>2 dB – 6dB</strong></td>
<td><strong>2dB – 6dB</strong></td>
<td><strong>Not sound resistant</strong></td>
</tr>
<tr>
<td><strong>Anti-Fatiguung</strong></td>
<td><strong>Superior</strong></td>
<td><strong>Superior</strong></td>
<td><strong>Good</strong></td>
<td><strong>Good</strong></td>
<td><strong>Excellent</strong></td>
</tr>
<tr>
<td><strong>PSI Rating</strong></td>
<td><strong>N/A</strong></td>
<td><strong>N/A</strong></td>
<td><strong>1,500 – 2,500</strong></td>
<td><strong>750 -1,200</strong></td>
<td><strong>&gt; 1000</strong></td>
</tr>
<tr>
<td><strong>Plasticizer (Off-Gas)</strong></td>
<td><strong>N/A</strong></td>
<td><strong>N/A</strong></td>
<td><strong>Low</strong></td>
<td><strong>Low</strong></td>
<td><strong>None</strong></td>
</tr>
<tr>
<td><strong>ESD Wear Layer</strong></td>
<td><strong>N/A</strong></td>
<td><strong>N/A</strong></td>
<td><strong>Yes</strong></td>
<td><strong>Yes</strong></td>
<td><strong>Yes</strong></td>
</tr>
<tr>
<td><strong>Color Throughout</strong></td>
<td><strong>Yes</strong></td>
<td><strong>Yes</strong></td>
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### Recommended Application

- **Electronic**
  - Manufacturing
  - Assembly
  - Test / R&D
  - Process Control
  - PCB Assembly
  - Micromechanics
  - Computer Rooms
  - Survey Rooms
  - Survey Areas
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    - Assembly
    - Test / R&D
    - Process Control
    - PCB Assembly
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    - Computer Rooms
    - Survey Rooms
    - Survey Areas
  - Medical
    - ESDS Device Mfg.
    - Clean Rooms
    - Operating Rooms
    - Munitions Mfg.
    - Explosives Mfg.
    - Production Areas
    - Raised Access
    - Survey Rooms
    - Data Centers
    - Micromechanics
    - Semiconductor
    - Telecommunications

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### Color Consistency for Projects of any Size

- **Yes**

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**Note:**
- Projects of any size typically require consistent color throughout the flooring.
- The ESD FLOORING SELECTION CHART provides a comprehensive comparison of different flooring options, including their ESD performance, cost, durability, maintenance requirements, slip resistance, chemical resistance, acid, alkali, and solvent resistance, sound absorption, anti-fatiguing properties, pressure (PSI) rating, plasticizer off-gassing, ESD wear layer, and color consistency.
- It is essential to consider the specific requirements of each application, such as the type of electronic environment (e.g., manufacturing, assembly, test, research and development, process control, PCB assembly, etc.), to select the most suitable flooring option.

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**Application Examples:**

- **911 Dispatch Areas**
- **24/7 Call Centers**
- **Access Floor Control**
- **Towers**
- **Electronic Labs**
- **Networked Offices**
- **Server Rooms**
- **Telecommunications Control Rooms**
- **General Office Areas**

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**Recommended Application:**

- **Electronics:** Manufacturing, Assembly, Test / R&D, Process Control, PCB Assembly, Micromechanics, Computer Rooms, Survey Rooms, Survey Areas.
- **Medical:** ESDS Device Mfg., Clean Rooms, Operating Rooms, Munitions Mfg., Explosives Mfg., Production Areas, Raised Access, Survey Rooms, Data Centers, Micromechanics, Semiconductor, Telecommunications.
- **Electronic:** ESDS Device Mfg., Clean Rooms, Operating Rooms, Munitions Mfg., Explosives Mfg., Production Areas, Raised Access, Survey Rooms, Data Centers, Micromechanics, Semiconductor, Telecommunications.