## 09680 Carpet Requirements Matrix

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Minimum Standard Performance</th>
<th>Comment</th>
<th>Proposed Carpet</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Style</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td>Tufted textured loop/level loop</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Face Fiber</td>
<td>Type 6,6</td>
<td>Invista or Solutia (must meet filament requirements to be considered equal)</td>
<td></td>
</tr>
<tr>
<td>Filament</td>
<td>Bulked Continuous Filament (BCF)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Filament Shape</td>
<td>Hollow filament</td>
<td>Trilobal Filament for low use areas</td>
<td></td>
</tr>
<tr>
<td>Dye Method</td>
<td>solution or solution/yarn dyed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Gauge</td>
<td>1/10 inch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stitches per Inch</td>
<td>8.0 stitches/inch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuft Density</td>
<td>63</td>
<td>If applicable</td>
<td></td>
</tr>
<tr>
<td>Pile Thickness</td>
<td>.07 in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yarn (Face) Weight</td>
<td>17 oz.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average Pile Density</td>
<td>6000 oz. per Cubic Yard</td>
<td>Per CRI Density Formula</td>
<td></td>
</tr>
<tr>
<td>Primary Backing</td>
<td>Synthetic Woven or non-woven</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Precoat/Fusion Coat</td>
<td>Sealant Vinyl</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Secondary Backing</td>
<td>Closed-Cell vinyl</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Secondary Backing</td>
<td>Impermeable to moisture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Secondary Backing</td>
<td>Impermeable to Air flow</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seams</td>
<td>chemically welded air-tight for modular</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stain Inhibitor</td>
<td>Min. Average of three fluorine analysis of a single composite sample per CRI TM-102: 500 PPM</td>
<td>Must be applied during fiber manufacturing</td>
<td></td>
</tr>
<tr>
<td>Static Control</td>
<td>carbon-core filament - AATCC 20</td>
<td>Topical Treatments not acceptable</td>
<td></td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Excessive Surface Wear</td>
<td>10 year</td>
<td>defined as more than 15% loss of pile fiber weight.</td>
<td></td>
</tr>
<tr>
<td>Excessive Static Electricity</td>
<td>15 year</td>
<td>defined as more than 3.0 kV per AATCC 134</td>
<td></td>
</tr>
<tr>
<td>Colorfastness to Light</td>
<td>15 year</td>
<td>4.0 on gray scale of AATCC 16E</td>
<td></td>
</tr>
<tr>
<td>Characteristic</td>
<td>Minimum Standard Performance</td>
<td>Comment</td>
<td>Performance</td>
</tr>
<tr>
<td>---------------------------</td>
<td>------------------------------</td>
<td>--------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Colorfastness to Contaminates</td>
<td>15 year</td>
<td>0.0 per AATCC 164 &amp; AATCC129 in 10 years</td>
<td></td>
</tr>
<tr>
<td>Stain Warrantee</td>
<td>15 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delamination</td>
<td>15 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Edge Ravel</td>
<td>15 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zippering</td>
<td>15 year</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>