Carpet Cushion Council

MINIMUM RECOMMENDATIONS FOR CONTRACT APPLICATIONS

To help compare various types of cushion, the Carpet Cushion Council has established recommended minimum contract cushion criteria for three levels of traffic. Any cushion type and grade certified as meeting these guidelines for cushion for being installed at a particular traffic level can be expected to perform satisfactorily at that level under normal conditions, when used with a carpet made for the same specified traffic conditions.

<table>
<thead>
<tr>
<th>CUSHION TYPE</th>
<th>CLASS I MODERATE TRAFFIC</th>
<th>CLASS II HEAVY TRAFFIC</th>
<th>CLASS III EXTRA HEAVY TRAFFIC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wt. ozs.</td>
<td>Thk. inch</td>
<td>Dens. lb/ft³</td>
</tr>
<tr>
<td>FIBER</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Synthetic Fiber</td>
<td>22</td>
<td>0.250</td>
<td>7.3</td>
</tr>
<tr>
<td>Resinated Recycled Textile</td>
<td>24</td>
<td>0.250</td>
<td>7.3</td>
</tr>
<tr>
<td>RUBBER</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flat</td>
<td>62</td>
<td>0.150</td>
<td>21</td>
</tr>
<tr>
<td>Rippled</td>
<td>56</td>
<td>0.270</td>
<td>15</td>
</tr>
<tr>
<td>Textured Flat</td>
<td>56</td>
<td>0.220</td>
<td>18</td>
</tr>
<tr>
<td>Reinforced</td>
<td>64</td>
<td>0.235</td>
<td>22</td>
</tr>
<tr>
<td>POLYURETHANE FOAM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grafted Prime*</td>
<td>0.250</td>
<td>2.7</td>
<td>2.5</td>
</tr>
<tr>
<td>Densified Prime*</td>
<td>0.250</td>
<td>2.7</td>
<td>2.4</td>
</tr>
<tr>
<td>Bonded **</td>
<td>0.375</td>
<td>5.0</td>
<td>5.0</td>
</tr>
<tr>
<td>Mechanically Frothed***</td>
<td>0.300</td>
<td>13.0</td>
<td>20.0</td>
</tr>
</tbody>
</table>

Maximum thickness for any product is 3/8”

Footnotes:
All thicknesses, weights and densities allow a 5% manufacturing tolerance
Wt. ozs. - Denotes weight in ounces/sq. yd.
CFD - Denotes Compression Force Deflection per ASTM D3574 Test C
*Polymer Density
**Particle size not to exceed 1/2”
***Ash content = 50% max.

Class I Moderate Traffic
Office Buildings: Executive or private offices, conference rooms
Health Care: Executive, Airports: Administration
Retail: Windows and display areas
Banks: Executive areas
Hotels/Motels: Sleeping rooms
Libraries/Museums: Administration

Class II Heavy Traffic
Office Buildings: Clerical areas, corridors (moderate traffic)
Health Care: Patients' rooms, lounges
Schools: Dormitories and classrooms
Retail: Minor aisles, boutiques, specialty
Banks: Lobbies, corridors (moderate traffic)
Hotels/Motels: Corridors
Libraries/Museums: Public areas (moderate traffic)
Convention Centers: Auditoriums

Class III Extra Heavy Traffic
Office Buildings: Corridors (heavy traffic), cafeterias
Health care: Lobbies, corridors, nurses' stations
Schools: Corridors, cafeterias
Airports: Corridors, public areas, ticketing areas
Retail: Major aisles, check outs, supermarkets
Banks: Corridors (heavy traffic), teller windows
Hotels/Motels: Lobbies and public areas
Libraries/Museums: Public Areas
Country Clubs: Locker rooms, pro shops, dining areas
Convention Centers: Corridors and lobbies
Restaurants: Dining areas and lobbies

Revision Date: November 1, 2012