

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.

CUSHION TYPE		CLASS I MODERATE TRAFFIC				CLASS II HEAVY TRAFFIC				CLASS III EXTRA HEAVY TRAFFIC			
		Wt. ozs.	Thk. inch	Dens. lb/ft ³	65% CFD	Wt. ozs.	Thk. inch	Dens. lb/ft ³	65% CFD	Wt. ozs.	Thk. inch	Dens. lb/ft ³	65% CFD
FIBER	Synthetic Fiber	22	0.250	7.3		28	0.3125	7.3		36	0.350	8.0	
	Resinated Recycled Textile	24	0.250	7.3		30	0.300	7.3		38	0.375	8.0	
RUBBER	Flat	62	0.150	21	20.0	62	0.150	21	20.0	62	0.150	26	25.0
	Rippled	56	0.270	15	2.0	Not recommended for this class				Not recommended for this class			
	Textured Flat	56	0.220	18	3.0	64	0.235	22	5.0	80	0.250	26	7.0
	Reinforced	64	0.235	22	40.0	64	0.235	22	40.0	54	0.200	22	40.0
POLYURETHANE FOAM	Grafted Prime*		0.250	2.7	2.5		0.250	3.2	3.5		0.025	4.0	5.0
	Densified Prime*		0.250	2.7	2.4		0.250	3.5	3.3		0.250	4.5	4.8
	Bonded **		0.375	5.0	5.0		0.250	6.5	6.0		0.250	8.0	8.0
	Mechanically Frothed***		0.300	13.0	20.0		0.223	15.0	30.0		0.183	19.0	40.0

Maximum thickness for any product is 3/8"

Footnotes:

All thicknesses, weights and densities allow a 5% manufacturing tolerance

Wt.- 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.**

<p style="text-align: center;"><u>Class I Moderate Traffic</u></p> <p>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</p>	<p style="text-align: center;"><u>Class II Heavy Traffic</u></p> <p>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</p>	<p style="text-align: center;"><u>Class III Extra Heavy Traffic</u></p> <p>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</p>
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