

**09680 Carpet Requirements Matrix**

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

Characteristic	Minimum Standard Performance	Comment	Performance	Meets/ Exceeds
<b>Style</b>				
Colorfastness to Contaminates	15 year	0.0 per AATCC 164 & AATCC129 in 10 years		
Stain Warrantee	15 year			
Delamination	15 year			
Edge Ravel	15 year			
Zippering	15 year			