

# TECHNICAL DATA SHEET

Garrison QuietPath Luxury Vinyl Flooring



**GARRISON**

Tel 800-556-9003

Product Type		Acoustic Luxury Vinyl Tile		
Dimensions	Plank	7" x 48" x 5 mm (180 mm x 1200 mm x 5 mm)*		
	Tile	12" x 24" x 5 mm (180 mm x 1200 mm x 5 mm)*		
Wear Layer		20 mil (0.50 mm)		
Classification		Class III, Type B		
ASTM TEST ITEM	STANDARD	TEST METHOD	REQUIREMENTS	RESULTS
Overall thickness	ASTM F1700	ASTM F386	Nominal $\pm$ 0.005in	Meets
Wear-layer thickness		ASTM F410	0.020 in (0.5mm) minimum For Commercial use	Meets
Dimension		ASTM F2055	$\pm$ 0.016 in. per linear foot	Meets
Squareness		ASTM F2055	Maximum 0.010 in. (0.25mm)	Meets
Residual indentation		ASTM F1914	Average less than 8%	Meets
Flexibility		ASTM F137	1-in (25.4mm) mandrel No crack, No damage	Meets
Dimensional stability		ASTM F2199	0.020 in /lin-ft maximum	Meets
Chemical resistance		ASTM F925	No more than a slight change in surface dulling, surface attack, or staining	Meets
Resistance to light		ASTM F1515	E < 8 ave MAX	Meets
Resistance to heat		ASTM F1514	E < 8 ave MAX	Meets
Fire resistance- CRF		ASTM E648	Class 1 (0.45 w/Cm <sup>2</sup> or more)	Meets
Fire resistance (Smoke density)		ASTM E662	450 or less	Meets
Static load limit		ASTM F970	0.005 in or less	1,000 psi
Curling after exposure to heat		EN ISO 10582	EN ISO 23999 (mfr standard)	$\pm$ 1mm (+0.5mm / - 1mm)
ASTM SOUND SPECIFICATIONS	STANDARD	QuietPath		
ASTM E90	6" Concrete Slab (152 mm)	IIC-54		
ASTM E492	6" Concrete Slab (152 mm)	STC-52		
ASTM E90	6" Concrete Slab (152 mm) & Drop Ceiling	IIC-65		
ASTM E492	6" Concrete Slab (152 mm) & Drop Ceiling	STC-61		
ISO SPECIFICATIONS	STANDARD	QuietPath		
Mass per unit area	EN ISO 23997	9.000 g/m <sup>2</sup>		
Wear layer binder content	$\geq$ 55% for Type I	Type I		
Abrasion group	EN 660-2	Group T: $\leq$ 2,00 mm <sup>3</sup>		
PRODUCT PERFORMANCE	STANDARD	QuietPath		
Castor chair	ISO 4918	No damage		
Furniture leg	EN ISO 16581	No damage		
Impact sound reduction	EN ISO 717-2	$\Delta$ Lw = 9 dB		
Slip resistance (dynamic)	EN 13893	DS (exceeds standard frict coeff $\geq$ 0.30)		
Thermal resistance	EN ISO 10456	0,04 m <sup>2</sup> K/W		
ENVIRONMENT	STANDARD	QuietPath		
Indoor air quality	FloorScore SCS-EC10.3-2014 v4.1	Total VOC $\leq$ 0.5 mg/m <sup>3</sup> (CA 01350)		
Plasticizer	-	Phthalate-free		
Formaldehyde group	EN 717-1	E1		
Recyclability	-	100%		

[www.garrisoncollection.com/collection/quietpath](http://www.garrisoncollection.com/collection/quietpath)

