



ATLAS FLOORING
solutions

BAY ST COLLECTION

5MM LUXURY VINYL FLOORING

PRODUCT INFORMATION

PLANK SIZE (LENGTH X WIDTH X HEIGHT)	EDGE PROFILE	FINISH	UNDERLAYMENT	WEAR LEVEL	GLOSS LEVEL	INSTALLTION	STRUCTURE	RADIANT HEAT
48" X 7" X 5mm 1227 X 187 X 5mm	Micro Bevel	Random Embossed	N/A	22mil / 0.55mm	4-6°	Loose Lay/ Glue Down	Fibreglass Mesh	Approved for Water-Based Systems

WARRANTY

PACKAGING

RESIDENTIAL	LIGHT COMMERCIAL	PLANKS PER CARTON	SQUARE FOOTAGE PER CARTON	CARTON DIMENSIONS (LENGTH X WIDTH X HEIGHT)	CARTON WEIGHT	CARTONS PER PALLET	SQUARE FOOTAGE PER PALLET	
30 Years	10 Years	10	27.17 SF	1235 X 195 X 55mm	24.33 KG	50	1358.5 SF	
Impact Sound Reduction (IIC)			ASTM E492-09		Based on actual data		Based on actual data	IIC=70*
Sound Transmission Class (STC)			ASTM E90-09		Based on actual data		Based on actual data	STC=71*

*Sound Ratings were achieved in a lab environment. For accurate sound ratings, on-site testing must be done.

PHYSICAL PROPERTIES

TESTING

REFERENCE	ASTM/EN NORMS	NORMAL RESULT	MAXIMUM RESULT
Determination of Thickness	ASTM F387-17	Tmax-Tmin≤0.3mm, ▲Tavg: ≤0.2mm	Tmax-Tmin≤0.4mm, ▲Tavg: ≤0.3mm
Length	EN 427	▲L ≤ ± 0.30mm	▲L ≤ ± 0.50mm
Width		▲W ≤ ± 0.15mm	▲W ≤ ± 0.25mm
Determination of Squareness		Qmax ≤ 0.30mm	Qmax ≤ 0.50mm
Determination of Straightness		Smax ≤ 0.30mm	Smax ≤ 0.50mm/m
Thickness + Wear Layer	ASTM F410	≥ 0.018 in. (0.46mm) minimum	
Dimensional Stability and Curling	ASTM F2199-09	MD ≤ 0.8mm/m, CD ≤ 0.8mm/m Curling ≤ 1.0mm	MD ≤ 1.2mm/m, CD ≤ 1.2mm/m Curling ≤ 1.5mm
Residual Indentation Static Load	ASTM F970-17	250 psi, ≤ 0.005 inch	
Castor Chair Resistance	NALFA LF 01-2011	No Visible Damage	
Wear Resistance	ASTM D4060-19	Wear Index < 50.6 (1000* mg/cycle)	
Classification of Smoke Development (Flammability Test)	ASTM E648-10	Class I	
Vertical Burning	UL 94-2013	V-0	
Resistance to Chemicals	ASTM F925-13	Rating 0: No Change	
Soluble Heavy Metal	ASTM F963	Not Detected (≤ 60PPM)	≤ 100PPM
Formaldehyde Emission	ASTM D6007 - 14		
Phthalate	ASTM F963		
VOC	Floorscore	Pass	
Static Coefficient of Friction	ASTM C1028-07	Dry: 0.86, Wet: 0.65	