

## SPECIFICATION SHEET - SONATA COLLECTION

<b>Dimensions:</b>	4.25" Wide x 48.6" Long x 6.2mm thick overall (5.2mm core plus 1mm IXPE pad)
<b>Wear Layer:</b>	22mil Wear Layer
<b>Finish Coating:</b>	Polyurethane Coating, Embossed
<b>Profile:</b>	4-Sided Painted Bevel
<b>Warranty:</b>	Lifetime Residential, 15 Yr Commercial, 15 Yr Multi-Family
<b>Installation:</b>	Tightlock Angle/Drop/Tap



Select Colors Only

### TEST METHOD & REQUIREMENTS

	ITEM	TEST METHOD	REQUIREMENT	RESULT
<b>ASTM F3261</b>	Surface Integrity	ASTM F1914	No puncture	Pass
	Dimensional Stability	ASTM F2199/ISO 23999	$\Delta W/\Delta L \leq 0.2\%$ (commercial)	Pass
	Curling	ASTM F2199/ISO 23999	$\leq 2\text{mm}$	Pass
	Length tolerance	ISO 24337	$\pm 2\text{ mm}$	Pass
	Width tolerance	ISO 24337	$\pm 0.4\text{mm}$	Pass
	Thickness tolerance	ASTM F387	$\pm 0.13\text{mm}$ (no backing); $\pm 0.20\text{mm}$ (with)	Pass
	Squareness	ISO 24337	0.25mm	Pass
	Flatness	ISO 24337	Length: $\leq 0.50\%$ (concave) $\leq 1.0\%$ (convex) Width: $\pm 0.008\text{ in.}$ (0.2mm) for planks or tiles $\leq 9\text{ in.}$ (229mm) wide	Pass
	Residual Indentation	ASTM F1914	$\leq 0.18\text{mm}$ (70lbs/34kg)	Pass
	Static load	ASTM F970/ASTM F387	$\leq 0.13\text{mm}$	Pass
	Resistance to Chemicals	ASTM F925	Slight change only	Pass
	Resistance to Heat	ASTM F1515	$\Delta E \leq 8$	Pass
	Resistance to light	ASTM F1514	$\Delta E \leq 8$	Pass
	<b>ASTM F1700*</b>	Residual Indentation	ASTM F1914	$\leq 8\%$ (140 lbs/63.5kg)
Dimensional Stability		ASTM F2199	$\Delta W/\Delta L \leq 0.16\%$	Pass
<b>ISO 10582</b>	Resistance to light	ISO 105-B02:1994 Method 3A	$\geq \text{Grade } 6$	Pass
	Locking strength	ISO 24334	$\geq 1.5\text{ kN/m}$	Pass
	Castor chair	ISO 4918	Only slight change	Moderate commercial class of use
<b>NALFA LF 01-2011</b>	Resistance to Chemicals	NALFA LF 01-2011	Slight change only	Class 4, meets commercial requirements
	Impact Resistance	NALFA LF 01-2011 3.5	$\geq 1400\text{mm}$	Class 4, meets commercial requirements
	Impact Resistance	NALFA LF 01-2011 3.6	$\geq 500\text{mm}$	Class 4, meets commercial requirements
<b>EN 14041</b>	Thermal Resistance (R)	EN 12667/ASTM C518	NA	Suitable for underfloor heating systems
	Slipperiness	EN 13893	$\geq 0.3$	Pass
	Reaction to fire	EN 13051-1	NA	Class Bfl -S1
<b>Others</b>	Density	ISO 23996	NA	Around 1650kg/m <sup>3</sup>
	Airborne sound transmission	ASTM E413-16	$\geq 50$	STC 69
	Impact sound transmission	ASTM E989-6	$\geq 50$	IIC 69
	Reducing impact sound transmission	ASTM E2190-16	NA	Delta IIC 23
	SCOF	ASTM C1028	$> 0.5$	Pass
	Slipperiness	ANSI A137-1	$\geq 0.42$	Pass
	Slipperiness	DIN 51130	NA	R10
	Fire Resistance (CHF)	ASTM E648/NFPA 253	$\geq 0.45$	Pass

\*Note: Only tests specific to ASTM F1700 are listed here; for tests and requirements similar to ASTM F3261, please refer to the tests under that standard. LEED and WELL Scorecards available upon request