

**SONATA® & SONATA® ELEMENTS**  
**LUXURY VINYL TILE**  
TECHNICAL SPECIFICATIONS

	Metric	Imperial
Gauge	2.50 mm	0.098"
Sizes (refer to web site for size availability on each product)	457 mm x 457 mm	18" x 18"
▪ Tiles	305 mm x 610 mm	12" x 24"
	457 mm x 915 mm	18" x 36"
▪ Planks	102 mm x 915 mm	4" x 36"
	152 mm x 1,219 mm	6" x 48"
	229 mm x 1,219 mm	9" x 48"
Product Classification: ASTM F1700 - Solid Vinyl Floor Tile	Class III, Type A or B	
Wear Layer Thickness	0.5 mm (0.020")	
ASTM D2047 – Static Coefficient of Friction (leather)	≥ 0.5	
ASTM D3389 – Abrasion Resistance (H-22, 500 g @ 1,000 cycles)	Pass	
ASTM E648 – Critical Radiant Flux CRF (W/cm <sup>2</sup> )	≥ 0.45	
ASTM E662 – Smoke Density	≤ 450	
ASTM F925 – Chemical Resistance	Exceeds	
ASTM F970 – Static Load (modified at 2,500 psi)	≤ 0.005"	
ASTM F1514 - Heat Stability	ΔE ≤ 8.0	
ASTM F1515 - Light Stability	ΔE ≤ 8.0	
ASTM F1914 – Indentation	Residual < 8%	
ASTM F2055 – Squareness	0.010" maximum	
Indoor Air Quality (IAQ): Volatile Organic Compounds (VOC's)	FloorScore Certified by SCS Certification Registration Number SCS-FS-03325	
Maintenance	Very low	
PU (Polyurethane) surface treatment containing Aluminum Oxide	Facilitates maintenance	
Adhesives: PS-30 AD-590 AD-610	Regular traffic Heavy traffic/rolling loads Environments where temperature is not fully controlled (non-continuous HVAC)	
Limited Wear Warranty	10 years for commercial installations 20 years for residential installations	

Please note that technical web site documents prevail.

