IMPACT 2mm LVT — Test Requirements & Results

Test Item	Test Standard	Result	
Solid Vinyl Tile Specification	ASTM F1700	Class III, Type B	
Length / Width	ASTM F2055	1219.51 / 177.69 mm	PASS
Squareness	ASTM F2055	Max. 0.10 mm	PASS
Total Thickness	ASTM F386	Avg. 2.09 mm	PASS
Total Thickness (Max. / Min.)	ASTM F386	2.12 / 2.06 mm	PASS
Wear Layer Thickness	ASTM F410	Avg. 0.313 mm	PASS
Wear Layer Thickness (Max. / Min.)	ASTM F410	0.323 / 0.309 mm	PASS
Residual Indentation (24 h)	ASTM F1914	Avg. 4.0%	PASS
Flexibility	ASTM F137	No cracking	PASS
Dimensional Stability (X / Y)	ASTM F2199	Meets	PASS
Curling (Avg. / Max.)	ASTM F2199	0.02 / 0.03 mm	PASS
Chemical Resistance	ASTM F925	No visible defects	PASS
Resistance to Light	ASTM F1515	ΔE 5.54	PASS
Resistance to Heat	ASTM F1514	ΔE 1.83	PASS
Static Coefficient of Friction (Dry)	ASTM D2047	0.79	PASS
Static Load Resistance (250 lb)	ASTM F970	0.02 mm	PASS
Critical Radiant Flux	ASTM E648	Class I (≥ 1.0 W/cm^2)	PASS
Smoke Density (Flaming Dm)	ASTM E662	514	NA
Smoke Density (Non-Flaming Dm)	ASTM E662	408	NA
Flame Spread Rating (FSR)	CAN/ULC S102.2	40	NA
Smoke Developed Classification (SDC)	CAN/ULC S102.2	385	NA