

TECHNICAL DATA SHEET

NEVADA

(MCT™ – Matrix Core Technology)

Product Type	Luxury Vinyl Tile (3mm with 20mil)
Classification	Class III, Type B
Surface Treatment	PUR + CERAMIC
Size	7" X 48"

TEST ITEM	TEST Method	REQUIREMENTS	Results
Overall thickness	ASTM F386	Nominal \pm 0.005in	Meets
Wear-layer thickness	ASTM F410	\pm 10%	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
Curling after exposure to heat	EN ISO 23999	\pm 2mm	Meets
Chemical resistance	ASTM F925	No more than a slight change in surface dulling, surface attack, or staining	Meets
Resistance to light	ASTM F1515	Δ E < 8 ave MAX	Meets
Resistance to heat	ASTM F1514	Δ E < 8 ave MAX	Meets
Fire resistance- CRF	ASTM E648	Class 1 (0.45 w/Cm ² or more)	Meets
Fire resistance (Smoke density)	ASTM E662	450 or less	Meets
Static load limit	ASTM F970	0.005 in or less	2,000 psi
Indoor air quality		Low VOC	Floorscore Certified