

Natchez 2.5mm SPC Technical Data Sheet

The Natchez 2.5-mm Collection is a luxury vinyl tile that creates stunning floors that are meticulously designed to look like hardwood and built to endure the busiest lifestyles. Enjoy nature's diverse beauty with these wood looks for commercial applications such as dorm rooms, dental offices, waiting rooms, healthcare, education, retail, hospitality, and more. Topped with a 20-mil wear layer and finished with an enhanced polyurethane finish, Natchez 2.5-mm LVT floors offer superior scratch and scuff resistance.

Natchez 2-mm is FloorScore®, Indoor Advantage Gold, Greenguard Gold and Declare certified with both Health Product Declaration (HPD) and Environmental Product Declaration (EPD) available.

DESCRIPTION	REFERENCE	RESULT
Product identification	Natchez, a 2.5-mm (0.5-mm)	
Construction	Luxury vinyl tile/plank	
Edge	Micro-bevel	
Usage	Commercial or residential	
Installation method	Glue down	
Limited warranty period	10-year commercial or lifetime residential	
Carton amount	32 square feet (2.97-square meters), 16 planks	
ASTM specification classification	ASTM F1700	Class III, Type B
Wear layer and gloss level	ASTM F410	20-mil (0.5-mm) with low gloss
Thickness	ASTM F387	0.1-inch (2.5-mm)

GALLERY

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Length	ASTM F2055	48-inch (1219.2-mm)
Width	ASTM F2055	6-inch (152.4-mm)
Size	ASTM F2055	Pass
Squareness (tile)	ASTM F2055	Pass
Squareness (plank)	ISO 24337	Pass
Flexibility	ASTM F137	Pass
Chemical resistance	ASTM F925	Pass
Surface integrity test	ASTM F1914	Pass
Residual indentation	ASTM F1914	Pass
Dimensional stability	ASTM F2199	Pass
Heat stability (color change)	ASTM F1514	Pass
Light stability (color change)	ASTM F1515	Pass
Slip resistance test results	ASTM D2047/UL 410	Slip resistant (SCOF > 0.5)
Critical radiant flux (flammability)	ASTM E648	Pass, NFPA Class 1 (requires > 0.45 Watts/cm ²)
Optical smoke density	ASTM E662	Pass (requires < Dmc 450)
Adhesive	Powerhold 6373	

Trowel size 1/16-inch x 1/32-inch x 1/32-inch U-notched trowel (FFA), replace blades every 4-gallons

Adhesive working time 2-hours

Disclaimer: These tests were conducted by an independent laboratory, using materials from standard production and following industry standard test methods. The performance of different testing apparatus and batch production may vary slightly.

Referenced Documents: The latest versions of all listed standards, specifications, practices, and test methods shall be used in all cases.

ASTM E648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source

ASTM E662 - Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials

ASTM F137 - Standard Test Method for Flexibility of Resilient Flooring Materials with Cylindrical Mandrel Apparatus

ASTM F387 - Standard Test Method for Measuring Thickness of Resilient Floor Covering with Foam Layer

ASTM F410 - Standard Test Method for Wear Layer Thickness of Resilient Floor Coverings by Optical Measurement

ASTM F925 - Standard Test Method for Resistance to Chemicals of Resilient Flooring

ASTM F1514 - Standard Test Method for Measuring Heat Stability of Resilient Flooring by Color Change

ASTM F1515 - Standard Test Method for Measuring Light Stability of Resilient Flooring by Color Change

ASTM F1700 - Standard Specification for Solid Vinyl Tile.

ASTM F1914 - Standard Test Methods for Short-Term Indentation and Residual Indentation of Resilient Floor Covering

ASTM F2055 - Standard Test Method for Size and Squareness of Resilient Floor Tile by Dial Gage Method

ASTM F2199 - Standard Test Method for Determining Dimensional Stability of Resilient Floor Tile after Exposure to Heat

ISO 24337 - Laminate floor coverings—Determination of geometrical characteristics

UL 410 - Certification for Slip Resistance of Floor Surface Materials

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SERIES

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