

TECHNICAL SPECIFICATIONS

BaseCORE™

ITEM	SPECIFICATION
Dimensions	Plank: Width: 6" (152.4mm), Length: 36" (914.4 mm) Tile: Width: 12" (304.8mm), Length: 12" (304.8 mm)
Thickness	Overall: 0.08" (2mm) Wear Layer: 0.30 mm (12mil)
Profile	Micro-Bevel Edges
Coverage	Plank: 54 sq. ft (5 sq. m) per box, 3,564 sq. ft (331 sq. m) per pallet Tile: 36 sq. ft (3.34 sq. m) per box, 2,592 sq. ft (240.8 sq. m) per pallet
Planks per Box	36 Planks
Boxes per Pallet	Plank: 66 Boxes Tile: 72 Boxes
Weight	Plank: 42.6 lbs. (19.3 kg) per box, 2,826 lbs. (1281 kg) per pallet
Type & Composition	100% Virgin Hardened Vinyl Polymer Composite Core
Application	Residential & Commercial
Wear Layer	12 MIL abrasion and scratch resistant top layer
Visual Pattern Repeat	Approx. every 1,200mm (39.37in)
Print pattern repeat	Approx. 1 plank in every 5 boxes
Backing	Dry Back

PERFORMANCE

ITEM	SPECIFICATION/RESULT	TEST
Dimensional Stability	.0038% inch/foot	ASTM F2199
Sound Absorbtion	48/54	IIC RATING/STC RATING
Use with Underfloor Radiant Heating		Recommended
Floorscore	Certified	
Emmissions after 28 days		≤0.005 parts/million
Critical Radiant Flux	0.99 watts/cm2	ASTM E648-06
Pass		Mekol Burner Test
Light Resistance	6.0	ASTM F1515
Heat Stability	4.3	ASTM 1514
Slip Resistance	R=10 (Meets Commercial Standard)	AS 4586 (CSIRO)
Walking Angle	16°	
ADA		Exceeds ADA Requirements

PERFORMANCE

ITEM	SPECIFICATION/RESULT	TEST
Abrasion Resistance	0.003% @ 1,000 Cycles	ASTM D3884
Stain & Chemical Resistance	0: 95% Ethyl Alcohol, Cement Paste, 10% Ammonium hydroxide, Kerosene, Sesame Oil, Soy Sauce, Soy Bean Oil, Lubricant, Coffee, Tea, Ketchup. 1: Nitric Acid, Sulfuric Acid 95%. 2: Acetone, Nail Polish Remover, Methylene Chloride.	KSM 3802—24 Hr. Exposure
Deflection	55.29 mm	ASTM F1304
Smoke Density - Flaming	280 (Corrected to Max Density)	ASTM E662
Smoke Density - Non-Flaming	417 (Corrected to Max Density)	ASTM E662
Short Term Indentation 0.008"		ASTM F1914
Static Load 1,000 PSI		
0.008" of Residual Indentation		ASTM F970
Static Coefficient of Friction	Dry: 0.60 Dry: 0.7144 Wet: 0.8900	ASTM D2047 ASTM C1028
Rolling Chair	Negligible Disturbance	ATSM F2753



100% WATERPROOF
RIGID CORE PERFORMANCE



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