

TECHNICAL SPECIFICATIONS

MosaiCORE™

ITEM	SPECIFICATION
Dimensions	Hexagon: Width: 9" (229.3mm), Length: 10 7/16" (264.8mm) Rhombus: Width: 9 3/4" (250mm), Length: 17" (433mm)
Thickness	Overall: 0.12" (3mm) Wear Layer: 0.7 mm (28mil)
Profile	Square Edge
Coverage	Hexagon: 12.25 sq.ft (1.1385 sq.m) box, 2,267.1 sq.ft (210.62 sq.m) pallet Rhombus: 15.15 sq.ft (1.4074 sq.m) box, 2,257.4 sq.ft (209.7 sq.m) pallet
Tiles per Box	Hexagon: 25 Tiles Rhombus: 26 Tiles
Boxes per Pallet	Hexagon: 185 Boxes Rhombus: 149 Boxes
Weight	Hexagon: 14.2 lbs. (6.44 kg) per box, 2,627.57 lbs. (1,192 kg) per pallet Rhombus: 17.57 lbs. (7.97 kg) per box, 2,616.89 lbs. (1,187 kg) per pallet
Type & Composition	100% Virgin Hardened Vinyl Core
Application	Residential & Commercial
Surface Treatment	4x UV Coating, anti-microbial embedded with Ceramic bead Finish
Visual Pattern Repeat	Approx. every 1,200mm (39.37in)
Print pattern repeat	Solids and Textures: Continuous Pattern Woods and Stones: Approx. 1 plank in every 10 boxes
Backing	Dry Back
Warranty	10 Year Limited Commercial 25 Year Limited Residential

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)

PERFORMANCE

ITEM	SPECIFICATION/RESULT	TEST
Walking Angle	16°	
ADA		Exceeds ADA Requirements
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	Negligable Disturbance	ATSM F2753



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