



Primary Elements

Mannington
COMMERCIAL



Cover: Bond - Aura PE104, Cadmia PE103, Azure PE109, Beam PE112, Spar PE107, Helios PE113; 12"x12" & 12"x24"

Above: Structure - Aura PE124, Cadmia PE123, Selene PE128, Beam PE132, Spar PE127, Alumina PE139; 12"x12" & 12"x24"

Primary Elements

Style	Structure & Bond - 20 mil	Structure & Bond - 12 mil
Construction	Luxury Vinyl Tile	Luxury Vinyl Tile
Classification	ASTM F1700 Class III Type B	ASTM F1700 Class III Type B
Total Thickness	0.098" (2.5 mm)	0.080" (2.0 mm)
Wear Layer Thickness	20 mil (0.51 mm)	12 mil (0.30 mm)
Wear Layer	Enhanced Urethane	Enhanced Urethane
Edge Treatment	Micro-bevel	Square
Sizes	12" x 12" (305 mm x 305 mm)	12" x 12" (305 mm x 305 mm)
	12" x 24" (305 mm x 610 mm)	12" x 24" (305 mm x 610 mm)
Colors	20 - Structure, 20 - Bond	20 - Structure, 20 - Bond
Packaging Per Carton	12x12 - 36 pcs, 36 sq. ft. (3.345 sq. m), 26.82 lbs. (12.17 kg)	12x12 - 36 pcs, 36 sq. ft. (3.345 sq. m), 26.82 lbs. (12.17 kg)
Adhesive	12x24 - 18 pcs, 36 sq. ft. (3.345 sq. m), 26.82 lbs. (12.17 kg)	12x24 - 18 pcs, 36 sq. ft. (3.345 sq. m), 26.82 lbs. (12.17 kg)
	Porous & Non-Porous Substrates:	
	V-95 Full Spread 2-part Epoxy	
	V-88 Full Spread, Transitional Pressure Sensitive, High Moisture	
	XpressStep for LVT & Sheet Full Coverage Spray Adhesive	
	XpressStep Premium for LVT Full Coverage High Moisture Spray Adhesive	
QuickStix®	Porous Substrates Only:	
	V-82 Full Spread	
	Note: Must use V-95 or XpressStep under hospital beds and heavy rolling load areas. Use V-95 where higher risk of topical moisture would be a concern.	
	Pre-applied adhesive, reducing time and labor required to install the flooring. QuickStix® floors can be used immediately after installation, even in extreme moisture areas.	
Installation Method	All arrows in the same direction. Tiles should be installed block, staggered when quarter turned, arrows should alternate.	
Testing		
HUD/FHA	Passes	
Flexibility (ASTM F137)	Passes - 1" mandrel - No Crack/Break	
Dimensional Stability (ASTM F2199)	Passes - Max 0.020 in/lin ft.	
Squareness (ASTM F540)	Passes - 0.010 in max	
Static Load (ASTM F970 mod.)	Passes - 1,500 PSI; Resid. Indent ≤ 0.005 in.	
Residual Indentation (ASTM F1914)	Passes - < 8% Avg / 10% single value	
Flooring Radiant Panel (ASTM E648)	Passes - Class 1; ≥ 0.45 watts/cm2	
Smoke Density (ASTM E662)	Passes - ≤ 450	
Slip Resistance (ASTM C1028)	Passes - ≥ 0.5 Leather; 0.6 Rubber	
Resistance to Light (ASTM F1515)	Passes	
Chemical Resistance (ASTM F925)	Passes	
Resistance to Heat (ASTM F1514)	Passes	
Environmental Data		
Indoor Air Quality	FloorScore Certified; CDPH v1.12010	
Product Declarations	EPD	
LEED Scoreboard	May contribute to LEED credits	
	LEED 2009: MRc5 Regional Materials; IEQ4.1 Low Emitting Adhesives; IEQ4.3 Low Emitting Materials - Flooring.	
	LEED v4: Building product disclosure & optimization - EPDs; IEQc2 - Low Emitting Materials	
mindful MATERIALS	Visit mM Origin website, mindfulmaterials.origin.build, for current transparency information.	
Manufacturing	Madison, GA - ISO 14001 EMS & ISO 9001 QMS Registered	
Warranty		
	20 mil Products Limited 10 Year Commercial Warranty	
	12 mil Products Limited 10 Year Light Commercial Warranty	