

**Insight Plus Collection**

Style	Acacia, Alloy, Arizona Slate, Crossbar, Limestone Walk, Wild Oak
Construction	Light Heterogeneous Sheet (Non-ortho phthalate construction)
Classification	ASTM F1301 Type 1, Grade 1, Class A
Total Thickness	0.080" *2.03 mm)
Wear Layer Thickness	0.020" (0.51 mm)
Wear Layer	ScratchResist Pro
Width	12' (3.66 m)
Colors	16
Pattern Repeat	48"L x 72"W – Acacia 36"L x 36"W - Alloy, Arizona Slate, Limestone Walk 36"L x 72"W – Crossbar 48"L x 36"W – Wild Oak
Packaging Weight	35-170 sq yds – (29.3-142 m2)
Adhesive	Porous & Non-porous Substrates: V-81 Full Spread, Premium Latex
Seam Method	Mannington MLG-33 Chemical Seam Sealer Mannington Seam Coater Pen for high traffic areas

**Testing**

HUD/FHA	Meets/Exceeds
ADAG (American Disability Act Guidelines)	Passes
Flexibility (ASTM F790)	Passes – ¼" Mandrel – No Crack/Break
Static Load (ASTM F970)	Passes – Residual Indent ≤ 0.005"
Static Load (ASTM F970 mod.)	Passes – 500 PSI.
Residual	Indent ≤ 0.005"
Rolling Resistance/Caster Chair (ISO 4918)	25,000 Cycles,
Significant Change Short Term Residual Indentation (ASTM F1914/F1303)	No
Flooring Radiant Panel (ASTM E648)	Passes – Must Be ≤ 0.012"
Smoke Density (ASTM E662)	Passes – Class 1; ≥ 0.45 watts/cm <sup>2</sup>
Slip Resistance (ASTM C1028, Dry)	Passes - ≤ 450
Acoustic IIC (ASTM E492)	Passes - ≥ 0.5 Leather, .06 Rubber
Acoustic STC (ASTM E90)	50 – 6" Concrete with Drop Ceiling
Resistance to Light (ASTM F1515)	63 – 6" Concrete with Drop Ceiling
Chemical Resistance (ASTM F925)	Passes - < 8 Delta E Color Change
Resistance to Heat (ASTM F1514)	Passes – No More Than Slight Change
Resistance to Mold/Mildew (ASTM G21/E2180)	Passes - < 8 Delta E Color Change
	Passes – No More Than Slight Change

**Environmental Data**

Indoor Air Quality	FloorScore Certified; CDPH v1.1-2017
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
Manufacturing	Salem, NJ (USA), ISO 14001 EMS Registered

For more information, contact your Mannington on Main representative or visit