



---

Entwined® Collection

**Mannington**  
COMMERCIAL





**Cover: Burlap** - Oyster ETW204, **Suber** - Munsell ETW456  
**Above: Suber** - Sedge ETW451, **Moso Carpet** - Acorn 84334

















**Lino** - Alfalfa ETW100



**Rosin** - Alfalfa ETW300



**Burlap** - Alfalfa ETW200



**Suber** - Sedge ETW451

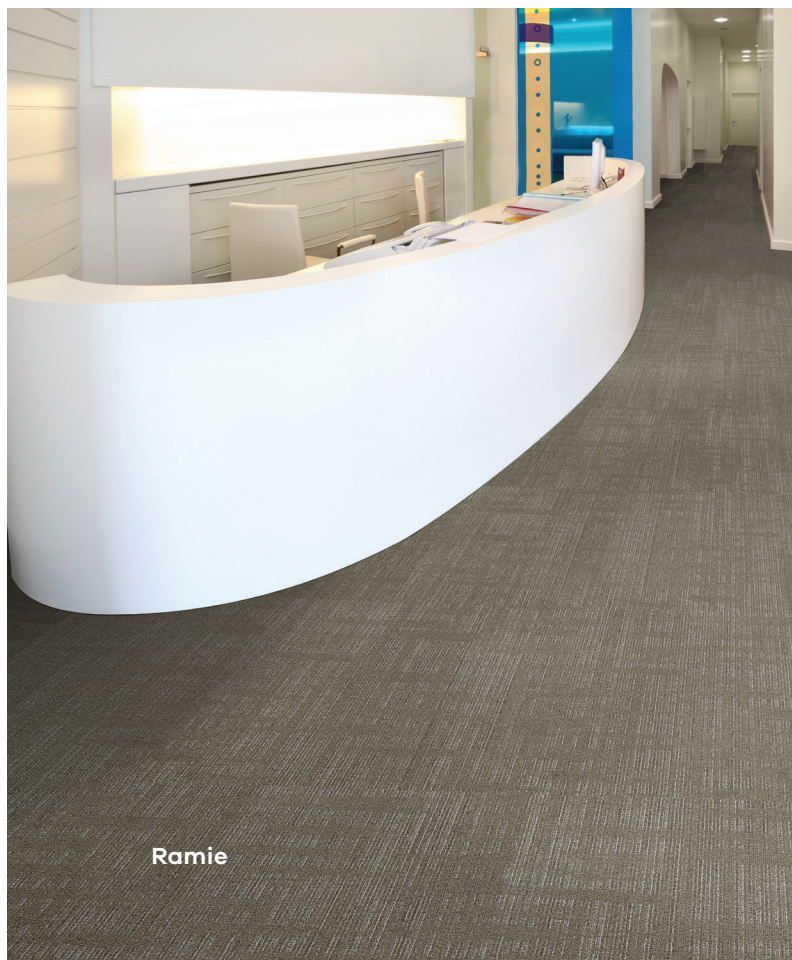




Husk



Moso

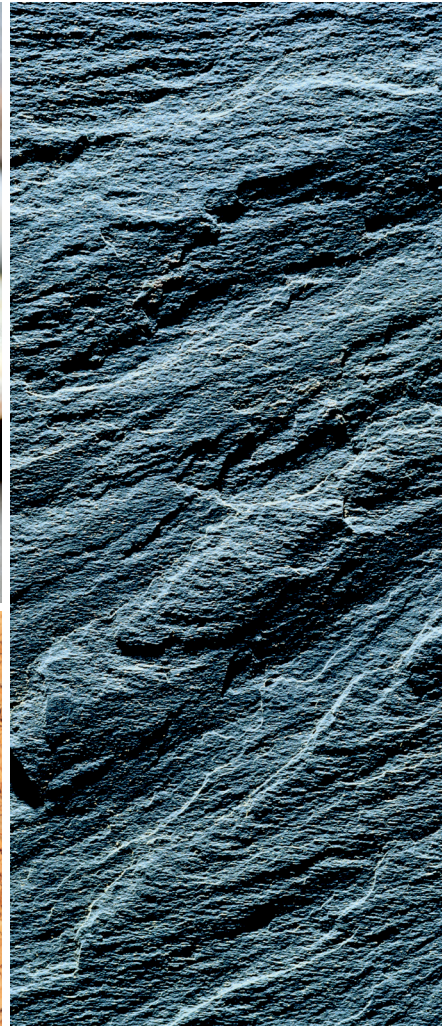


Ramie



## A Natural Base

Building upon the success of the Entwined Carpet Collection (Gold Nightingale Award, 2015), Entwined heterogeneous resilient sheet is a new collection based on artistic interpretations of naturally occurring materials. Mannington's design team sketched and painted stylized explorations of bamboo, stones, cork, sedimentary rock, and other materials. The resulting patterns – Suber, Rosin, Burlap, and Lino – use pattern and texture to hint at the movement, power, and beauty on display throughout the natural world.





## Entwined® Collection

Style	Burlap, Lino, Rosin, Suber
Construction	Heterogeneous Sheet (Non-ortho phthalate construction)
Classification	ASTM F1303 Type I, Grade 1, Class B
Total Thickness	0.080" (2.03 mm)
Wear Layer Thickness	0.020" (0.51 mm)
Wear Layer	Quantum Guard Elite®
Width	6' (1.83 m), 9' (2.75 m), 12' (3.66 m)
Colors	6 each style
Pattern Repeat	36" L x 144" W - Lino 36" L x 72" W - Burlap, Rosin, Suber
Packaging	6' - 30-50 yd <sup>2</sup> (25.0-41.8 m <sup>2</sup> ) 9' - 30-75 yd <sup>2</sup> (25.0-62.7 m <sup>2</sup> ) 12' - 30-100 yd <sup>2</sup> (25.0-83.6 m <sup>2</sup> )
Weight	4.7 lbs/yd <sup>2</sup> (2.55 kg/m <sup>2</sup> )
Adhesive	<b>Porous and Non-porous Substrates:</b> <b>V-88</b> Full Spread <b>V-95</b> Full Spread, 2-part Epoxy <b>XpressStep</b> for LVT & Sheet Vinyl Full Coverage Spray <b>Porous Substrates Only:</b> <b>V-82</b> Full Spread, Acrylic Base Note: Must use V-95, MoistureLoc, QuickStix or XpressStep adhesive under hospital beds and heavy rolling load areas. In more abusive conditions such as areas subject to dragging force, direct sunlight or where topical moisture would be a concern, only V-95, MoistureLoc or QuickStix should be used.
QuickStix®	Available with QuickStix® pre-applied adhesive, reducing time and labor required to install the flooring.
Seam Method	QuickStix® floors can be used immediately after installation, even in extreme moisture areas. Mannington Commercial Weld Rods or MLG-33 Chemical Seam Sealer. Mannington Seam Coater Pen for high traffic areas. Note: Heat welding is the recommended procedure for healthcare and high traffic applications.
Testing	
HUD/FHA	Meets / Exceeds
ADAG (American Disability Act Guidelines)	Passes
Flexibility (ASTM F137)	Passes - 1/4" Mandrel - No Crack/Break
Static Load (ASTM F970)	Passes - Residual Indent ≤ 0.005"
Static Load (ASTM F970 mod.)	2,000 PSI; Residual Indent ≤ 0.005"
Rolling Resistance/Caster Chair (ISO 4918)	25,000 Cycles; No Significant Change
Short Term Residual Indentation (ASTM F1914/F1303)	Passes - Must be < 0.012"
Flooring Radiant Panel (ASTM E648)	Passes - Class 1; ≥ 0.45 watts/cm <sup>2</sup>
Flooring Radiant Panel (ASTM E648)	Passes - ≤ 450
Slip Resistance (ASTM C1028, Dry)	Passes - ≥ 0.5 Leather; 0.6 Rubber
Acoustic IIC (ASTM E492)	50 (6" Concrete with Drop Ceiling)
Acoustic STC (ASTM E90)	63 (6" Concrete with Drop Ceiling)
Resistance to Light (ASTM F1515)	Passes - < 8 Delta E Color Change
Chemical Resistance (ASTM F925)	Passes - No More Than Slight Change
Resistance to Heat (ASTM F1514)	Passes - < 8 Delta E Color Change
Resistance to Mold/Mildew (ASTM G21/E2180)	Passes - No More Than Slight Change
Environmental Data	
Indoor Air Quality	FloorScore Certified; CDPH v1.1-2010
Product Declarations	EPD, HPD
LEED	May contribute to LEED credits: Building Product Disclosure & Optimization - EPDs Building Product Disclosure & Optimization - Sourcing Raw Materials Building Product Disclosure & Optimization - IEQc2 - Low Emitting Materials
mindful MATERIALS	Visit mM Origin website, mindfulmaterials.origin.build, for current transparency information
Manufacturing	Salem, NJ (USA)- ISO 14001 EMS & ISO 9001 QMS Registered, +Vantage Vinyl Verified Silver
Warranty	
	Limited 10-Year Commercial Warranty Limited 10-Year Quantum Guard Elite® Wear Warranty

Note: Visual/Color variations can occur from roll to roll. This variation does not affect product performance.