



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



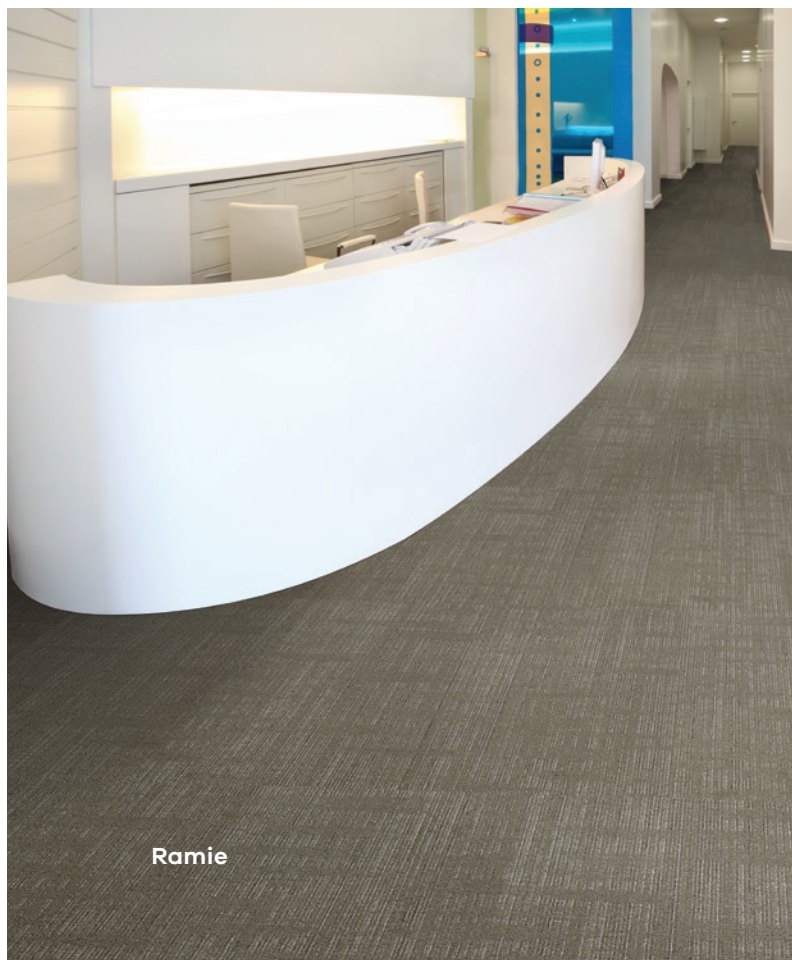
Suber - Sedge ETW451



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 yd² (25.0-41.8 m²) 9' - 30-75 yd² (25.0-62.7 m²) 12' - 30-100 yd² (25.0-83.6 m²)
Weight	4.7 lbs/yd² (2.55 kg/m²)
Adhesive	Porous and Non-porous Substrates: V-88 Full Spread, Transitional Pressure Sensitive, High Moisture V-95 Full Spread, 2-part Epoxy XpressStep for LVT & Sheet Vinyl Full Coverage Spray Porous Substrates Only: V-82 Full Spread, Acrylic Base Note: Must use V-95 or XpressStep adhesive under hospital beds and heavy rolling load areas. Use V-95 in Operating Rooms or where higher risk of topical moisture would be a concern.
QuickStix®	Available with QuickStix® 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.
Seam Method	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/cm²
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
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	Salem, NJ (USA) - ISO 14001 EMS Registered
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.