

Style	Barrel Oak & Ridgewood	Dunham	Textile
Construction	Heterogeneous Sheet (Non-ortho phthalate construction)	Heterogeneous Sheet (Non-ortho phthalate construction)	Heterogeneous Sheet (Non-ortho phthalate construction)
Classification	ASTM 1303 - Type 1, Grade 1, Class B	ASTM 1303 - Type 1, Grade 1, Class B	ASTM 1303 - Type 1, Grade 1, Class B
Total Thickness	.080" (2.03 mm)	.080" (2.03 mm)	.080" (2.03 mm)
Wear Layer Thickness	.020" (.51 mm)	.020" (.51 mm)	.020" (.51 mm)
Finish	Quantum Guard Pro	Quantum Guard Pro	Quantum Guard Pro
Width	6' (1.83 m), 12' (3.66 m)	6' (1.83 m), 12' (3.66 m)	6' (1.83 m), 12' (3.66 m)
Colors	Barrel Oak - 4, Ridgewood - 4	4	4
Pattern Repeat	48" L x 48" W (1.22 m x 1.22 m)	36" L x 36" W (0.91 m x 0.91 m)	36" L x 72" W (0.91 m x 1.83 m)
Packaging	6' - 30-50 sq.yd. (25.0-41.8 sq.m) 12' - 30-100 sq.yd. (25.0-83.6 sq.m)	6' - 30-50 sq.yd. (25.0-41.8 sq.m) 12' - 30-100 sq.yd. (25.0-83.6 sq.m)	6' - 30-50 sq.yd. (25.0-41.8 sq.m) 12' - 30-100 sq.yd. (25.0-83.6 sq.m)
Weight	4.90 lbs./sq.yd. (2.66 kg/m ²)	4.90 lbs./sq.yd. (2.66 kg/m ²)	4.90 lbs./sq.yd. (2.66 kg/m ²)
Adhesive	Porous & Non-Porous Substrates: V-88 Full Spread, Transitional Pressure Sensitive, High Moisture V-95 Full Spread 2-part Epoxy XpressStep for Sheet Vinyl Full Coverage Spray Porous Substrates Only: V-82 Full Spread	Porous & Non-Porous Substrates: V-88 Full Spread, Transitional Pressure Sensitive, High Moisture V-95 Full Spread 2-part Epoxy XpressStep for Sheet Vinyl Full Coverage Spray Porous Substrates Only: V-82 Full Spread	Porous & Non-Porous Substrates: V-88 Full Spread, Transitional Pressure Sensitive, High Moisture V-95 Full Spread 2-part Epoxy XpressStep for Sheet Vinyl Full Coverage Spray Porous Substrates Only: V-82 Full Spread
	Note: Must use V-95 or XpressStep for Sheet 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.		
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 or exceeds		
ADAG (American Disability Act Guidelines)	Passes		
Flexibility (ASTM F137)	Passes - ¼" No Crack/Break		
Static Load (ASTM F970)	Passes - Resid. Indent ≤ 0.005 in.		
Static Load (ASTM F970 mod.)	Passes - 1,500 PSI; Resid. Indent ≤ 0.005 in.		
Rolling Resistance/Castor Chair (ISO 4918)	25,000 Cycles, No Significant Change		
Short Term Residual Indentation (ASTM F1914 / F1303)	Passes - Must Be ≤ 0.012 in.		
Flooring Radiant Panel (ASTM E648)	Passes - Class 1; ≥ 0.45 watts/cm ²		
Smoke Density (ASTM E662)	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 v11-2010		
LEED Scoreboard	May contribute to LEED Credits LEED 2009: MRc5 Regional Material; IEQ4.1 Low Emitting Adhesives; IEQ4.3 Low Emitting Materials - Flooring LEEDv4: Building Product Disclosure & Optimization - EPDs; IEQc2 - Low Emitting Materials		
Product Declarations	EPD		
mindful Materials	Visit mM Origin website, mindfulmaterials.origin.build, for current transparency information		
Manufacturing	Salem, NJ (USA) - ISO 14001 EMS Certified		
Warranty			
	Limited 10 Year Commercial Warranty		

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

Crafted with purpose

For more information, contact your local Mannington representative or visit manningtoncommercial.com