

**Material Strength (ASTM D143)**

Test	Standard	Result	Benchmark
Compression Perpendicular	ASTM D143	970 PSI	130% above industry avg
Modulus of Elasticity	ASTM D143	1,300,000 PSI	Exceptional stiffness
Bending Strength (MOR)	ASTM D143	2,000 PSI	Superior load capacity
Shear Strength	ASTM D143	265 PSI	High shear resistance

**10-Point Manufacturer's Warranty**

- 1. Single Eucalyptus species**  
Consistent material properties
- 2. End sealant**  
Prevents moisture intrusion
- 3. End caps**  
Extended lifespan protection
- 4. Substantially no wane**  
Full edge integrity
- 5. No rot, no bark**  
Premium quality timber
- 6. Square edges**  
Secure mat connections
- 7. ASTM F1554 or better bolts**  
Industrial-grade hardware
- 8. Plantation sourced sustainable supply**  
Environmentally responsible
- 9. Bug treatment compliant with Federal USDA regulations**  
Regulatory compliance
- 10. Quality Control Bar Code**  
Full traceability

**Direct Engineering Support**

**Engineering Hotline**  
800-866-0795x1

**Technical Support**

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