

# MANNINGTON®

## Product Technical Information Sheet

### Product Summary:

Product(s):	American Hardwoods 1/2" x 3" or 5"
Width:	Nominal 3" (76mm); 5" (127mm) style dependent
Length:	Random up to 48"(1219 mm)
Thickness:	Nominal 1/2" (11.4 mm)
Gloss level:	18 +/- 3 on a 60 degree measurement
Wearlayer:	8 layer polyurethane finish with aluminum oxide and enhanced scratch resistance.
Construction:	5 ply engineered Premium Hardwood Specification: Meets ANSI /HPVA EF Std FHA Requirements: Meets or exceeds
Face Species:	Northern Red Oak (Q. Rubra)
Face Thickness:	1.4 mm prior to final sanding
Origin:	Made in the USA – Lacey Compliant – Meets FSC controlled wood standard
Profile:	Micro-Bevel
Installation:	Full glue, staple, nail, or float
Packaging:	32 square feet per carton / 46 lbs per carton / 30 cartons per pallet
Warranty:	25 Year Residential / 5 Year Commercial

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### Product performance characteristics:

*Abrasion Resistance: Minimum 500 cycles  
(ASTM-D4060-90)*

*Finish Adhesion: 5B – 0% removal  
(ASTM-D3359-95)*

*Flame spread tunnel test: Meets Class C, flamespread 40  
(ASTM E-84)*

*Radiant Panel: Flooring - Greater than or equal to 45 watts /cm<sup>2</sup>, passes NFPA class 1  
(ASTM E-648)*

*Static Load Limit: 650 PSI(4.5 MPa)*

*ADAAG/ADA Meet or Exceed Guideline for Flat Walking Surface(0.6)  
(ASTM-D2394)*

*Janka Harness: Minimum 1300  
(ASTM-D1037)*

### Environmental Certifications

LEED EQ 4.1 – If Mannington UltraSpread glue is used – Meets SCAQMD Rule #1168

LEED EQ 4.3 – FloorScore Certified