

# MULTI-PLY ENGINEERED CONSTRUCTION - MULTI-LENGTHS - MICRO-V HARDWOOD FLOOR WHITE OAK

## Specifications



CONSTRUCTION	
Type	Multi-ply engineered
Widths	8" (203.2 mm)
Length - Random-Lengths	Min. 18"- Max. 86 5/8" (Min. 450 mm - Max. 2,200 mm)
Edges	Micro-V on all 4 sides
Joint	Tongue and groove
Thickness	Overall 9/16" (15 mm) Wear Layer 2/16" (4 mm) dry solid sawn Bottom Layer 7/16" (11 mm) Asian Plywood (Hebea and/or Eucalyptus)
Relative Humidity	35% - 65%
Fabrication	Designed, stained and finished in Canada (Quebec). (Imported product)

PRODUCTS	
Species	European White Oak
Textures	Refined
Grades	<b>Character:</b> Natural looking surface with prominent color variations and abundant natural wood characteristics, such as sound knots of all sizes, open knots of less than 5/64" (2 mm) and knots filled with putty, mineral streaks, surface checks, splits and a few others.

FINISH	
Sheens (Gloss Levels)	Ultra-Matte (10%)
Titanium™ Finish	Polymerized Titanium finish enhanced with nanotechnology
Characteristics	Appearance and durability: Superior Gloss wear resistance and stain resistance: Superior Ease of maintenance and repair: Superior Formaldehyde, solvent & water: Free
Static Friction Coefficient ASTM D-2394-99	Slippery resistance coefficient over 0.5
UV Rays Protection	Sunshield™
Pure Genius®	Air-Purifying Titanium Dioxide Photocatalytic Agent NOX Removal: Superior - 0.35lb / year / 454 ft <sup>2</sup> - ISO 22197-1 Formaldehyde Removal: Superior - 85% - ISO 22197-4 Acetaldehyde Removal: Superior - 98% - ISO 22197-2 Antimicrobial Properties: Superior - E.coli (ATCC 8739) 99.65%; S.aureus (ATCC 6538P) 99.63%; ; K.pneumoniae (ATCC 4352) 99.7% - ISO 27447:2009

INSTALLATION, USAGE & WARRANTIES			
Installation	<b>Levels:</b> basement, main and upper floors	<b>Methods:</b> Nailed, stapled, glued or floated	<b>Subfloors:</b> concrete, plywood or OSB 3/4"
Radiant Heat	Compatible		
Maintenance	Recommended hardwood flooring cleaning products		
Uses	Residential & light commercial		
Warranties	Structural : Lifetime		
(Please refer to the Installation Guide)	Wear-through finish:	Residential: 50 years	Light Commercial: 5 years

PRODUCT STANDARDS	
Formaldehyde Emission ASTM D6007-14	Below limit of quantitation of 0.008 ppm
VOC Total ASTM-D-6670-01	0.003 ppm (depends on wood species)
Surface Burning ASTM-E84	Classe 3 or C
R value	R 0.44 to 0.51 (depends on wood species)
Critical Radiant Flux ASTM-E-648-94a	0.25 - 0.40 watt/cm <sup>2</sup> (depends on wood species)

CERTIFICATIONS	
CARB 93120 Phase II	Compliant
Lacey Act	Compliant

PACKAGING	
Coverage per box	19.24 ft <sup>2</sup> (1.78 m <sup>2</sup> )
Box size	89" L x 8 13/32" W x 2 19/32" H (2,260 mm L x 213 mm W x 66 mm H)
Box weight	44 lb
Boxes per pallet	75
Coverage per pallet	1,443 ft <sup>2</sup> (134.06 m <sup>2</sup> )
Pallet size	89" L x 41 11/32" W x 41 15/16" H (2,260 mm L x 1,050 mm W x 1,065 mm H)

RELATIVE SPECIES HARDNESS	
NWFA Janka	European White Oak: 1,360 lb - 5% harder

Hardness Test (ASTM-D-143)  
Reference: North American Oak 1,290 lb\* - 100%  
\*lb = Applied force in pounds



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