

**MULTI-PLY ENGINEERED CONSTRUCTION - MULTI-LENGTHS - MICRO-V HARDWOOD FLOOR
EUROPEAN WHITE OAK, AMERICAN HICKORY**

Specifications



CONSTRUCTION	
Type	Multiply engineered
Widths	7 1/2" (190 mm)
Length - Random-Lengths	Min. 18" - Max. 74 3/4" (Min. 450 mm - Max. 1,900 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) Latvian Baltic Birch Plywood
Relative Humidity	35% - 65%
Fabrication	Designed in Canada (Quebec). (Imported product)

PRODUCTS	
Species	European White Oak, American Hickory
Textures	Brushed (European White Oak), Refined (American Hickory)
Grades	Character: 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™
Health Protection	Antimicrobial Protection ISO 22196 & ASTM E2180-2007 - PermaClean®

INSTALLATION, USAGE & WARRANTIES			
Installation	Levels: basement, main and upper floors	Methods: Nailed, stapled, glued or floated	Subfloors: concrete, plywood or OSB 3/4"
Radiant Heat	Compatible		
Maintenance	Recommended hardwood flooring cleaning products		
Uses	Residential & light commercial		
Warranties	Structural : Lifetime		
<i>(Please refer to the Installation Guide)</i>	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 ² (depends on wood species)

CERTIFICATIONS	
CARB 93120 Phase II	Compliant
Lacey Act	Compliant

PACKAGING	
Coverage per box	23.31 ft ² (2.16 m ²)
Box size	75 3/16" L x 7 7/8" W x 3 3/4" H (1,910 mm L x 200 mm W x 96 mm H)
Box weight	54 lb
Boxes per pallet	50
Coverage per pallet	1,165.5 ft ² (108.27 m ²)
Pallet size	75 3/16" L x 40 3/16" l x 42 1/2" H (1,910 mm L x 1,020 mm l x 1,080 mm H)

RELATIVE SPECIES HARDNESS	
NWFA Janka	American Hickory: 1,820 lb - 41% harder
Hardness Test (ASTM-D-143)	European White Oak: 1,360 lb - 5% harder

Reference: North American Oak 1,290 lb* - 100%
*lb = Applied force in pounds

