

# MULTI-PLY ENGINEERED CONSTRUCTION - HERRINGBONE - MICRO-V HARDWOOD FLOOR WHITE OAK (R&Q)

## Specifications



CONSTRUCTION	
Type	Multi-ply engineered
Widths	3 1/4" (82.5 mm)
Length - herringbone	13" (330 mm)
Edges	Micro-V on all 4 sides
Joint	Tongue and groove
Thickness	Overall 7/16" (11 mm) Wear Layer 1/8" (3.2 mm) dry solid sawn Bottom Layer 5/16" (7.8 mm) Douglas fir plywood 100% sourced from North American forests
Relative Humidity	35% - 65%
Fabrication	Designed and manufactured in Canada (Quebec)
PRODUCTS	
Species	White Oak Rift & Quarter Sawn
Texture	Smooth
Grades	<b>Exclusive:</b> Natural looking surface with moderate color variations and wood natural characteristics, such as sound and open knots, as well as knots filled with wood putty, mineral streaks, surface checks and splits.
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 more than 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 Availability: Standard
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
<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 <sup>2</sup> (depends on wood species)
CERTIFICATIONS	
LEED	Qualifies for LEED credits projects - Please refer to Eco-declaration VED16-1067-02 (Except exotic species)
CARB 93120 Phase II	Compliant
Lacey Act	Compliant
ISO 14001	CERT-0120164
PACKAGING	
	<b>3 1/4" (82.5 mm)</b>
Coverage per box	17.5 pi <sup>2</sup> (1.63 m <sup>2</sup> )
Box size	26 11/16" L x 10 8/16" l x 4 11/16" H (677.8 mm L x 266.7 mm l x 119 mm H)
Box weight	30 lb
Boxes per pallet	32
Coverage per pallet	560 pi <sup>2</sup> (52.03 m <sup>2</sup> )
Pallet size	48" L x 42" l x 48" H (1,219.2 mm L x 1,066.8 mm l x 1,219.2 mm H)
RELATIVE SPECIES HARDNESS	
NWFA Janka	White Oak R&Q: 1,360 lb 5% harder
Hardness Test (ASTM-D-143)	
<i>Reference: North American Oak 1,290 lb* - 100%</i>	
<i>*lb = Applied force in pounds</i>	

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