



PRODUCTS		
Species	Red Oak, Hard Maple	
Grades	<p><b>Select &amp; Better:</b> Very uniform looking surface with subtle color variations and wood natural characteristics, such as sound knots of less than 1/8" (3 mm) open knots sizes up to 1/32" (1 mm), mineral streaks and checks.</p> <p><b>Variation:</b> Natural looking surface with moderate to pronounced color variations and wood natural characteristics, such as sound knots of all sizes, open knots sizes up to 1/8" (3 mm) and knots filled with putty of less than 1" (25.4 mm), mineral streaks, surface checks and splits.</p> <p><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.</p>	
CONSTRUCTION		
Type	Engineered 3/4"	
Width	3 1/8" (79.4 mm) 4 1/8" (104.8 mm)	
Length - Multi-Lengths	Min. 18 1/2", Max. 82" (Min. 470 mm, Max. 2,080 mm)	
Edges	Micro-V on all 4 sides	
Joint	Tongue and groove	
Thickness	Overall 3/4" (19 mm) Wear Layer 3/16" (5.2 mm) dry solid sawn Core 35/64" (13.8 mm) Canadian SPF bed of wood stickers	
Relative Humidity	30% - 80%	
Fabrication	Harvested, designed and manufactured in Canada (Quebec)	
FINISH		
Textures	Smooth or Wire brushed (Red Oak)	
Sheens (Gloss Levels)	Matte (20%) or Ultra-Matte (10%)	
Aluminium Oxide Finish	Finishing system made of aluminum oxide suspended in UV cured polyurethane	
Characteristics	Appearance and durability: Superior Gloss wear resistance and stain resistance: Superior Easy to maintain and to repair: Superior Formaldehyde, Solvent & Water: No added formaldehyde	
Static Friction Coefficient ASTM D-2394-99	Slippery resistance coefficient more than 0.5	
INSTALLATION, USAGE & WARRANTIES		
Installation	<p><b>Levels:</b> Basement, main and upper floors</p> <p><b>Subfloors*:</b> Plywood or OSB 3/4"</p> <p><i>*Allows installation on slightly uneven subfloors</i></p> <p><b>Methods:</b> stapled, floated, glued*</p> <p><i>**The use of straps and clamps is highly recommended to avoid gaps between boards.</i></p>	
Radiant Heat	Compatible	
Maintenance	Recommended hardwood flooring cleaning products	
Uses	Residential	
Warranties	Structural : Lifetime	
(Please refer to the Installation Guide)	Wear-through finish: Residential 35 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	
CARB 93120 Phase II	Compliant	
Lacey Act	Compliant	
ISO 14001	CERT-0120164	
PACKAGING		
	3 1/8" (79.4 mm)	4 1/8" (104.8 mm)
Coverage per box	20.66 ft <sup>2</sup> (1.92 m <sup>2</sup> )	18.18 ft <sup>2</sup> (1.69 m <sup>2</sup> )
Box size	84 1/2" L x 10" W x 3 3/16" H (2,151 mm L x 248 mm W x 81 mm H)	84 1/2" L x 8 21/32" W x 3 3/16" H (2,151 mm L x 220 mm W x 81 mm H)
Box weight	45 lb	40 lb
Boxes per pallet	52	52
Coverage per pallet	1,074 ft <sup>2</sup> (99.84 m <sup>2</sup> )	945.36 ft <sup>2</sup> (87.88 m <sup>2</sup> )
Pallet size	~84 1/2" L x ~39.3/8" W x ~45 3/8" H (~2,151 mm L x ~1002 mm W x ~1,153 mm H)	~84 1/2" L x ~35" W x ~45 3/8" H (~2,151 mm L x ~890 mm W x ~1,153 mm H)
RELATIVE SPECIES HARDNESS		
NWFA Janka	Red Oak: 1,290 lb - average hardness	Hard Maple: 1,450 lb - 12% harder
Hardness Test (ASTM-D-143)		
Reference: Red Oak 1,290 lb* - 100%		
*lb = Applied force in pounds		