



PRODUCTS	
Species	Red Oak, Hard Maple, Yellow Birch
Grades	Select & Better: 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. Vogue: Natural looking surface with moderate color variations showing some natural wood characteristics, such as sound and open knots, as well as knots filled with wood putty, mineral streaks, surface checks and splits. Variation: 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. 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.

CONSTRUCTION	
Type	Solid
Widths	2 1/4" (57 mm) 3 1/4" (82.5 mm) 4 1/4" (108 mm)
Length - Random Lengths	Min. 12", Max. 72" (Min. 305 mm, Max. 1,829 mm)
Edges	Micro-V on all 4 sides
Joint	Tongue and groove
Thickness	3/4" (19 mm)
Relative Humidity	35% - 55%
Fabrication	Harvested, designed and manufactured in Canada (Quebec)

FINISH	
Textures	Smooth or Wire Brushed (Red Oak only)
Sheen (Gloss Level)	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	Levels: Main and upper floors	Methods: Nailed or stapled	Subfloors: Plywood or OSB 3/4"
Radiant Heat	Not 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 ² (depends on wood species)

CERTIFICATIONS	
LEED	Qualifies for LEED credits projects
CARB 93120 Phase II	Compliant
Lacey Act	Compliant
ISO 14001	CERT-0120164

PACKAGING	2 1/4" (57 mm)	3 1/4" (82.5 mm)	4 1/4" (108 mm)
Coverage per box	20 ft ² (1.86 m ²)	20 ft ² (1.86 m ²)	17 ft ² (1.58 m ²)
Box size	85 7/8" L x 9 9/16" W x 3 5/16" H (2,178 mm L x 243 mm W x 84 mm H)	80 5/32" L x 10 7/16" W x 3 5/16" H (2,036 mm L x 265 mm W x 84 mm H)	79 11/16" L x 9 7/32" W x 3 5/16" H (2,024 mm L x 234 mm W x 84 mm H)
Box weight	56 - 59 lb (varies depending on species)	56 - 59 lb (varies depending on species)	56 - 59 lb (varies depending on species)
Boxes per pallet	52	52	52
Coverage per pallet	1,040 ft ² (96.62 m ²)	1,040 ft ² (96.62 m ²)	884 ft ² (82.13 m ²)
Pallet size	~84" L x ~48" W x ~48" H ~2,133.6 mm L x ~1,219.2 mm W x ~1,219.2 mm H)	~84" L x ~48" W x ~48" H (~2,133.6 mm L x ~1,219.2 mm W x ~1,219.2 mm H)	~84" L x ~48" W x ~48" H (~2,133.6 mm L x ~1,219.2 mm W x ~1,219.2 mm H)

RELATIVE SPECIES HARDNESS	Red Oak: 1,290 lb - average hardness	Hard Maple: 1,450 lb - 12% harder	Yellow Birch: 1,260 lb - 2% softer
NWFA Janka Hardness Test (ASTM-D-143)			
Reference: Red Oak 1,290 lb* - 100%			

*lb = Applied force in pounds

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