



Construction		
Type	Expert	
Widths	3 1/8" (79.3 mm), 4 1/8" (104.8 mm), 5 3/16" (132 mm)	
Length - Random-Lengths	3 1/8" and 4 1/8" - Min. 18", Avg. 42", Max. 76" (Min. 457 mm, Avg. 1,067 mm, Max. 1,930 mm), 5 3/16" - Min. 18 1/2", Avg. 42", Max. 71" (Min. 470 mm, Avg. 1,067 mm, Max. 1,803 mm)	
Edges	Micro-V on all 4 sides	
Joint	Tongue and groove	
Thickness	Total	3/4" (19 mm)
	Wear Layer	7/32" (5.4 mm) dry solid sawn
	Core	35/64" (13.9 mm) Canadian SPF bed of wood stickers
Relative Humidity	30% - 80%	
Fabrication	Made in Canada (Quebec)	

Products	
Species	Hard Maple, Red Oak
Grade	Essential, Select and better
Grade Description	Please refer to the Species and Grade Guides available in the "Useful Literature" section of the website.
Styles	Classic
Texture	Smooth, Open Grain, Wire Brushed
Sheens (Gloss Levels)	Ultra-Matte (10%), Matte (20%), Semi-Gloss (45%)
Colors	Natural, Café au lait, Cape Cod, Chai Tea, Chocolate, Crème Brûlée, Gingerbread, Graphite, Kenya, Smoky Grey

Finish				
Aluminium Oxide Finish	Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.			
Characteristics	Appearance:	Superior	Durability:	Superior
	Gloss losing resistance:	Superior	Stain Resistance:	Superior
	Easy to maintain:	Superior	Easy to repair:	Superior
	Solvent & Water:	Free	Formaldehyde:	Free
Static Friction Coefficient ASTM D-2394-99	Slippery resistance coefficient more than 0.5			

Installation, Usage, Warranties & Accessories				
Installation	Levels:	Basement, main and upper floors	Methods:	Stapled or glued*
	Subfloors:	Ceramic, vinyl, concrete, plywood or OSB 3/4"	*The use of straps and clamps is highly recommended to avoid gaps between boards.	
Radiant Heat	Compatible			
Maintenance	Recommended hardwood flooring cleaning products			
Uses	Residential & light commercial			
Warranties <i>(Please refer to the Installation Guide)</i>	Structural:	Lifetime		
	Finish wear-through:	Residential: 25 years	Light Commercial: 5 years	
Available Moldings	Round Stair Nosing:	92" L x 3 1/8" W x 3/4" H (2,336 mm L x 79 mm W x 19 mm H)	Reducer:	84" L x 2" W x 3/4" H (2,133 mm L x 51 mm W x 19 mm H)
	T-Molding:	84" L x 2" W x 3/4" H (2,133 mm L x 50.8 mm W x 19 mm H)	Quarter Round:	84" L x 3/4" W x 3/4" H (2,133 mm L x 19 mm W x 19 mm H)
	Threshold:	84" L x 2 1/8" W x 3/4" H (2,133 mm L x 53.98 mm W x 19 mm H)	Please refer to our Molding Guide for more information.	

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	
FSC®	Available on demand
LEED	Qualifies for LEED credits project - Please refer to Eco-declaration EV15-1067-03
CARB 93120 Phase II	Compliant
Lacey Act	Compliant

Packaging	3 1/8" (79.3 mm)	4 1/8" (104.8 mm)	5 3/16" (132 mm)
Coverage per box	20 ft <sup>2</sup> (1.86 m <sup>2</sup> )	17.6 ft <sup>2</sup> (1.64 m <sup>2</sup> )	20.15 ft <sup>2</sup> (1.87 m <sup>2</sup> )
Box size	79 11/16" L x 10" W x 3 3/16" H (2,024 mm L x 248 mm W x 81 mm H)	79 11/16" L x 8 21/32" W x 3 3/16" H (2,024 mm L x 220 mm W x 81 mm H)	73 27/64" L x 10 35/64" L x 3 5/64" H (1,865 mm L x 268 mm L x 78 mm H)
Box weight	28 lbs (varies depending on species)	24 lbs (varies depending on species)	45 lbs (varies depending on species)
Boxes per pallet	52	52	52
Coverage per pallet	1,040 ft <sup>2</sup> (96.62 m <sup>2</sup> )	915.2 ft <sup>2</sup> (85.02 m <sup>2</sup> )	1,048 ft <sup>2</sup> (97.36 m <sup>2</sup> )
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)	78" L x 48" L x 48" H (1880 mm L x 1,219.2 mm L x 1,219.2 mm H)

Relative Species Hardness			
NWFA Janka Hardness Test (ASTM-D-143)	Red Oak:	1,290 lbs - average hardness	Hard Maple: 1,450 lbs - 12% harder
Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds			