



Construction	
Type	NextStep
Widths	3 1/4" (82.5 mm)
Length - Herringbone	13" (330 mm)
Edges	Micro-V or Square Edges on all 4 sides
Joint	Tongue and groove
Thickness	Total 7/16" (11 mm) Wear Layer 1/8" (3.2 mm) dry solid sawn Bottom Layer 3/10" (7.8 mm) Douglas fir plywood 100% sourced from North American forests
Relative Humidity	35% - 65%
Fabrication	Made in Canada (Quebec)
Note	Allows single or double Herringbone patterns, parquet, brick as well as an appealing range of other.

Products	
Series	Émira and standard offer
Species	Hard Maple, Hickory, Red Oak, Yellow Birch
Grades	Country, Heritage, Exclusive
Grade Descriptions	Please refer to the Species and Grade Guides available in the "Useful Literature" section of the website.
Styles	Antique, Classic
Textures	Smooth, Open Grain
Sheens (Gloss Levels)	Pearl (20%), Velvet (35%), Semi-Gloss (45%)
Colors	Madera, Persia, Sabbia, Tunga, Natural, Amaretto, Ammonite, Arabica, Azteka, Carob, Copper, Fossil, Shadow Gray, Titanium Grey, Verona

Finish																	
Titanium™ Finish	Polymerized titanium finish enhanced with nanotechnology																
Characteristics	<table border="0"> <tr> <td>Appearance:</td> <td>Superior</td> <td>Durability:</td> <td>Superior</td> </tr> <tr> <td>Gloss losing resistance:</td> <td>Superior</td> <td>Stain Resistance:</td> <td>Superior</td> </tr> <tr> <td>Easy to maintain:</td> <td>Superior</td> <td>Easy to repair:</td> <td>Superior</td> </tr> <tr> <td>Solvent & Water:</td> <td>Free</td> <td>Formaldehyde:</td> <td>Free</td> </tr> </table>	Appearance:	Superior	Durability:	Superior	Gloss losing resistance:	Superior	Stain Resistance:	Superior	Easy to maintain:	Superior	Easy to repair:	Superior	Solvent & Water:	Free	Formaldehyde:	Free
Appearance:	Superior	Durability:	Superior														
Gloss losing resistance:	Superior	Stain Resistance:	Superior														
Easy to maintain:	Superior	Easy to repair:	Superior														
Solvent & Water:	Free	Formaldehyde:	Free														
UV Rays Protection	Sunshield™																
Antimicrobial Protection ISO 22196 & ASTM G-21	Ultra Fresh (Ultra-Fresh is a registered trademark of Thomson Research Associates.)																
Static Friction Coefficient ASTM D-2394-99	Slippery resistance coefficient more than 0.5																
Pure Genius® Smart Floor Technology	Air-Purifying Titanium Dioxide Photocatalytic Agent																
	NOX Removal: Superior - 0.35lbs / year / 454 ft ² - 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 on Émira Series & Square Edges products. Available in option on all other products in Velvet (35%) or Pearl (20%) sheens.																
	Technology: Contains ACTIO2™ licensed by Välinge Photocatalytic AB																

Installation, Usage, Warranties & Accessories																	
Installation	<table border="0"> <tr> <td>Levels:</td> <td>Basement, main and upper floors</td> <td>Methods:</td> <td>Nailed, stapled, glued or floated*</td> </tr> <tr> <td>Subfloors:</td> <td>Ceramic, vinyl, concrete, plywood or OSB 3/4"</td> <td colspan="2">*Square Edge cannot be installed floated</td> </tr> </table>	Levels:	Basement, main and upper floors	Methods:	Nailed, stapled, glued or floated*	Subfloors:	Ceramic, vinyl, concrete, plywood or OSB 3/4"	*Square Edge cannot be installed floated									
Levels:	Basement, main and upper floors	Methods:	Nailed, stapled, glued or floated*														
Subfloors:	Ceramic, vinyl, concrete, plywood or OSB 3/4"	*Square Edge cannot be installed floated															
Radiant Heat	Compatible																
Maintenance	Recommended hardwood flooring cleaning products																
Uses	Residential & light commercial																
Warranties	<table border="0"> <tr> <td>Structural:</td> <td>Lifetime</td> </tr> <tr> <td>Finish wear-through:</td> <td>Residential: 30 years Light Commercial: 5 years</td> </tr> </table>	Structural:	Lifetime	Finish wear-through:	Residential: 30 years Light Commercial: 5 years												
Structural:	Lifetime																
Finish wear-through:	Residential: 30 years Light Commercial: 5 years																
Available Moldings	<table border="0"> <tr> <td>Round Stair Nosing:</td> <td>84" L x 3 1/8" W x 7/16" H (2,133 mm L x 79 mm W x 11 mm H)</td> <td>Reducer:</td> <td>84" L x 2" W x 7/16" H (2,133 mm L x 51 mm W x 11 mm H)</td> </tr> <tr> <td>Square Stair Nosing:</td> <td>84" L x 3 1/8" W x 7/16" H (2,133 mm L x 79 mm W x 11 mm H)</td> <td>Quarter Round:</td> <td>84" L x 3/4" W x 3/4" H (2,133 mm L x 19 mm W x 19 mm H)</td> </tr> <tr> <td>T-Molding:</td> <td>84" L x 2" W x 3/4" H (2,133 mm L x 50.8 mm W x 19 mm H)</td> <td colspan="2"></td> </tr> <tr> <td>Threshold:</td> <td>84" L x 2 1/8" W x 3/4" H (2,133 mm L x 53.98 mm W x 19 mm H)</td> <td colspan="2">Please refer to our Molding Guide for more information.</td> </tr> </table>	Round Stair Nosing:	84" L x 3 1/8" W x 7/16" H (2,133 mm L x 79 mm W x 11 mm H)	Reducer:	84" L x 2" W x 7/16" H (2,133 mm L x 51 mm W x 11 mm H)	Square Stair Nosing:	84" L x 3 1/8" W x 7/16" H (2,133 mm L x 79 mm W x 11 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)	T-Molding:	84" L x 2" W x 3/4" H (2,133 mm L x 50.8 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.	
Round Stair Nosing:	84" L x 3 1/8" W x 7/16" H (2,133 mm L x 79 mm W x 11 mm H)	Reducer:	84" L x 2" W x 7/16" H (2,133 mm L x 51 mm W x 11 mm H)														
Square Stair Nosing:	84" L x 3 1/8" W x 7/16" H (2,133 mm L x 79 mm W x 11 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)														
T-Molding:	84" L x 2" W x 3/4" H (2,133 mm L x 50.8 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 ² (depends on wood species)

Certifications	
FSC®	Available on demand
LEED	Qualifies for LEED credits projects - Please refer to Eco-declaration EV15-1067-02
CARB 93120 Phase II	Compliant
Lacey Act	Compliant

More details on the back

Packaging	3 1/4" (82.5 mm)		
Coverage per box	17.5 ft ² (1.63 m ²)		
Box size	26 11/16" L x 10 8/16" W x 4 11/16" H (677.8 mm L x 266.7 mm W x 119 mm H)		
Box weight	36 - 46 lbs (varies depending on species)		
Boxes per pallet	32		
Coverage per pallet	560 ft ² (52.03 m ²)		
Pallet size	48" L x 42" W x 48" H (1,219.2 mm L x 1,066.8 mm W x 1,219.2 mm H)		
Relative Species Hardness			
NWFA Janka	Yellow Birch:	1,260 lbs - 2% softer	Hard Maple: 1,450 lbs - 12% harder
Hardness Test (ASTM-D-143)	Red Oak:	1,290 lbs - average hardness	Hickory: 1,820 lbs - 41% harder
Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds			