



Beech, Épic

Products	
Species	Beech
Grade	Character
Grade Description	Please refer to the Species and Grade Guides available in the "Useful Literature" section of the website.
Style	Antique
Texture	Écho
Sheen (Gloss Level)	Pearl (20%)
Colors	Costa, Cyrena, Épic, Natural
Maintenance	Recommended hardwood flooring cleaning products
Uses	Residential & light commercial
Warranties	Structural: Lifetime
(Please refer to the Installation Guide)	Finish wear-through: Residential: 30 years Light commercial: 5 years
Relative Species Hardness	Beech: 1,300 lbs - 1% harder
NWFA Janka - Hardness Test (ASTM-D-143)	
Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds	
Finish	
Titanium™ Finish	Polymerized titanium finish enhanced with nanotechnology
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
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 - 0.35 lbs / 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
	Technology: Contains ACTIO™ licensed by Välinge Photocatalytic AB
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 and EV15-1067-03
CARB 93120 Phase II	Compliant
Lacey Act	Compliant

More details on the back

Constructions			
NextStep - Engineered Construction			
Edges	Micro-V on all 4 sides		
Joint	Tongue and groove		
Fabrication	Made in Canada (Quebec)		
Relative Humidity	35% - 65%		
Widths	5 3/16" (132 mm)		
Length	Multi-Lengths	13", 18 1/2", 28", 33 1/2", 47 3/16" (330 mm, 470 mm, 711 mm, 851 mm, 1,199 mm)	
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	
Installation	Levels:	Basement, main and upper floors	Methods: Nailed, stapled, glued or floated
	Subfloors:	Ceramic, vinyl, concrete, plywood or OSB 3/4"	Radiant Heat: Compatible
Available Moldings	Round Stair Nosing:	84" L x 3 1/8" L x 7/16" H (2,133 mm L x 79 mm L 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)
	Square Stair Nosing:	84" L x 3 1/8" L x 7/16" H (2,133 mm L x 79 mm L 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)
	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)
Packaging		5 3/16" (132 mm)	
	Coverage per box	33.6 ft ² (3.12 m ²)	
	Box size	47 61/64" L x 11 3/16" W x 4 11/16" H (1,218 mm L x 284 mm W x 119 mm H)	
	Box weight	54 lbs	
	Box per pallet	32	
	Coverage per pallet	1,075.2 ft ² (99.89 m ²)	
Pallet size	48" L x 46" W x 48" H (1,219.2 mm L x 1,168.4 mm W x 1,219.2 mm H)		
Expert - Engineered Construction			
Edges	Micro-V on all 4 sides		
Joint	Tongue and groove		
Fabrication	Made in Canada (Quebec)		
Relative Humidity	30% - 80%		
Widths	4 1/8" (104.8 mm)		
Length	Random-Lengths	Min. 18", Avg. 42", Max. 76" (Min. 457 mm, Avg. 1,067 mm, Max. 1,930 mm)	
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	
Installation	Levels:	Basement, main and upper floors	Methods: Stapled or glued*
	Subfloors:	Ceramic, vinyl, concrete, plywood or OSB 3/4" Permits installation on slightly uneven sub-floors	*Use straps and clamps to avoid gaps between boards. Radiant Heat: Compatible
Available Moldings	Round Stair Nosing:	84" L x 4" W x 3/4" H (2,133 mm L x 101.6 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)
	Square Stair Nosing:	84" L x 3 1/8" L x 7/16" H (2,133 mm L x 79 mm L x 11 mm H)	Reducer: 84" L x 2 1/4" W x 3/4" H (2,133 mm L x 57 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)
Packaging		4 1/8" (104.8 mm)	
	Coverage per box	17.6 ft ² (1.64 m ²)	
	Box size	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)	
	Box weight	24 lbs	
	Box per pallet	52	
	Coverage per pallet	915.2 ft ² (85.02 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)		