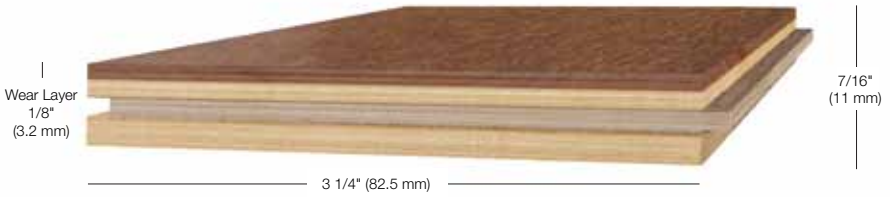
NextStep Engineered Construction - Herringbone - Designer Collection

General Specifications



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	Our herringbone construction allows precisely assembled single or double herringbone patterns, parquet, brick, as well as an appealing range of others.			
Products				
Series	International			
Species	African Sapele, Black Walnut, Santos Mahogany, Brazilian Cherry			
Grade	International			
Grade Description	Please refer to the Species and Grade Guides available in the "Useful Literature" section of the website.			
Styles	Exotic			
Texture	Smooth			
Sheens (Gloss Levels)	Semi-Gloss (45%) - Velvet (35%), Pearl (20%) when Pure Genius in option			
Color	Natural			
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
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 Dioxyde 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 all 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	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	Structural:	Lifetime		
(Please refer to the Installation Guide)	Finish wear-through:	Residential: 35 years	Light Commercial: 5 years	
Available Moldings	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)
	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^2 (depends on wood species)			
Certifications				
LEED	Black Walnut hardwood floors 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

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Packaging	
Coverage per box	17.5 ft^2 (1.63 m^2)
Size of a box	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)
Weight of a box	33 - 46 lbs (varies depending on species)
Boxes per pallet	32
Coverage per pallet	560 ft^2 (52.03 m^2)
Size of a pallet	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	Black Walnut: 1,010 lbs - 22% softer	Santos Mahogany: 2,200 lbs - 71% harder
Hardness Test (ASTM-D-143)	African Sapele 1,500 lbs - 1% harder	Brazilian Cherry: 2,350 lbs - 82% harder
Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds		

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