



Black Walnut, Natural

Products

Species	African Sapele, Black Walnut, Brazilian Cherry, Santos Mahogany		
Grade	International		
Grade Description	Please refer to the Species and Grade Guides available in the "Useful Literature" section of the website.		
Style	Exotic (These species are subject to a natural color maturation process. The color of the wood reaches a darker, richer hue depending on the amount of light the floor is exposed to.)		
Texture	Smooth		
Sheen (Gloss Level)	Pearl (20%), Velvet (35%), Semi-Gloss (45%)		
Colors	Natural		
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
Relative Species Hardness	Black Walnut: 1,010 lbs - 22% softer	Santos Mahogany: 2,200 lbs - 71% harder	
NWFA Janka - Hardness Test (ASTM-D-143)	African Sapele: 1,500 lbs - 1% harder	Brazilian Cherry: 2,350 lbs - 82% harder	
<small>Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds</small>			

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 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 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			

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

Constructions			
Solid Construction			
Edges	Micro-V on all 4 sides		
Joint	Tongue and groove		
Fabrication	Made in Canada (Quebec)		
Relative Humidity	35% - 55%		
Widths	3 1/4" (82.5 mm)		
Length	Random-Lengths	Min. 12", Avg. 33", Max. 72" (Min. 305 mm, Avg. 838 mm, Max. 1,829 mm)	
Thickness	Total	3/4" (19 mm)	
Installation	Levels:	Main and upper floors	Methods: Nailed or stapled
	Subfloors:	Plywood, 3/4" OSB subfloor	Radiant Heat: Not 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)	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)
	Quarter Round:	84" L x 3/4" W x 3/4" H (2,133 mm L x 19 mm W x 19 mm H)	<i>Please refer to our Molding Guide for more information.</i>
Packaging		3 1/4"	
	Coverage per box	20 ft ² (1.86 m ²)	
	Box size	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)	
	Box weight	83 lbs	
	Box per pallet	52	
	Coverage per pallet	1,040 ft ² (96.62 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)		
Available Products	Brazilian Cherry		
Multi-Lengths - NextStep - Engineered Construction			
Edges	Micro-V on all 4 sides		
Joint	Tongue and groove		
Fabrication	Made in Canada (Quebec)		
Relative Humidity	35% - 65%		
Widths	3 1/4" (82.5 mm)		5 3/16" (132 mm)
Lengths	Multi-Lengths	13", 18 1/2", 28", 47 3/16" (330 mm, 470 mm, 711 mm, 1,199 mm)	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" 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)	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)
	Quarter Round:	84" L x 3/4" W x 3/4" H (2,133 mm L x 19 mm W x 19 mm H)	<i>Please refer to our Molding Guide for more information.</i>
Packaging		3 1/4" (82.5 mm)	5 3/16" (132 mm)
	Coverage per box	31.3 ft ² (2.91 m ²)	33.6 ft ² (3.12 m ²)
	Box size	47 3/4" L x 10 35/64" W x 4 11/16" H (1,213 mm L x 268 mm W x 119 mm H)	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	43 - 56 lbs (varies depending on species)	59 - 67 lbs (varies depending on species)
	Box per pallet	32	32
	Coverage per pallet	1,001 ft ² (93.05 m ²)	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)		
Available Products	All African Sapele, Brazilian Cherry, Santos Mahogany		
Herringbone, Strip & Broadstripe - NextStep - Engineered Construction			
Edges	Micro-V or Square Edges on all 4 sides		
Joint	Tongue and groove		
Fabrication	Made in Canada (Quebec)		
Relative Humidity	35% - 65%		
Widths	3 1/4" (82.5 mm)		
Lengths	Herringbone:	13" (330 mm)	
	Strip:	13", 18 1/2", 28" (330 mm, 470 mm, 711 mm)	
	Broadstripe:	13" (330 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* <i>*Square edge products cannot be installed floating</i>
	Subfloors:	Ceramic, vinyl, concrete, plywood or OSB 3/4"	Radiant Heat: Compatible
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)	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)
	Quarter Round:	84" L x 3/4" W x 3/4" H (2,133 mm L x 19 mm W x 19 mm H)	<i>Please refer to our Molding Guide for more information.</i>
Packaging		Herringbone	Strip
	Coverage per box	17.5 ft ² (1.63 m ²)	31.5 ft ² (2.93 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)	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	33 - 46 lbs (varies depending on species)	42 - 48 lbs (varies depending on species)
	Box per pallet	32	32
	Coverage per pallet	560 ft ² (52.03 m ²)	992 ft ² (92.16 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)	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)	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)
Available Products	All Black Walnut (on accumulation only) African Sapele, Brazilian Cherry, Santos Mahogany		