

MULTI-PLY ENGINEERED CONSTRUCTION - MULTI-LENGTHS - MICRO-V HARDWOOD FLOOR BLACK WALNUT, BRAZILIAN CHERRY, SANTOS MAHOGANY, WHITE OAK (R&Q), HICKORY

Specifications



CONSTRUCTION		
Type	Multi-ply engineered	
Widths	3 1/4" (82.5 mm) - Up to 4'	5 3/16" (132 mm) - Up to 6'
Length - Multi-Lengths	13", 18 1/2", 28", 47 3/16" (330 mm, 470 mm, 711 mm, 1,199 mm)	13", 18 1/2", 23 1/4", 28", 33 1/2", 47 3/16", 71" (330 mm, 470 mm, 591 mm, 711 mm, 851 mm, 1,199 mm, 1,803 mm)
Edges	Micro-V on all 4 sides	
Joint	Tongue and groove	
Thickness	Overall	7/16" (11 mm)
	Wear Layer	1/8" (3.2 mm) dry solid sawn
	Bottom Layer	5/16" (7.8 mm) Douglas fir plywood 100% sourced from North American forests
Relative Humidity	35% - 65%	
Fabrication	Designed and manufactured in Canada (Quebec)	

PRODUCTS		
Species	Black Walnut, Brazilian Cherry, Santos Mahogany, White Oak Rift & Quarter sawn, American Hickory.	
Texture	Smooth	
Grades	<i>(Brazilian Cherry - Santos Mahogany)</i> Select & Better* : This floor offers a distinguished and even looking appearance with subtle color variation and natural shades. Presence of small sound knots and mineral streaks are very limited. *With occasional presence of filled knots with larger dimensions. This does not affect the nature of the grade for Santos Mahogany and Brazilian Cherry. <i>(Black Walnut)</i> Exclusive : Natural looking surface with moderate color variations and wood natural characteristics, such as sound and open knots, as well as knots filled with wood putty, mineral streaks, surface checks and splits. <i>(White Oak)</i> Exclusive Rift & Quarter Sawn : Offered exclusively in White Oak, this floor is crafted through a traditional sawmilling technique that highlights its most remarkable features. With a color variation ranging from a soft creamy white to a rich golden brown, it's dense and linear grain occasionally reveals sinuous, ribbon-like pattern. The occasional presence of knots and mineral streaks is to be expected, it further enhances the beauty of this sophisticated wooden floor. <i>(American Hickory)</i> Character : This floor displays all the natural characteristics of wood. Pronounced color variation, filled sound knots, mineral streaks, splits and checks are included in the distinct personality of this floor.	

FINISH		
Sheens (Gloss Levels)	Ultra-Matte (10%), Semi-Gloss (40%)	
Titanium™ Finish	Polymerized Titanium finish enhanced with nanotechnology	
Characteristics	Appearance and durability: Superior	
	Gloss wear resistance and stain resistance: Superior	
	Ease of maintenance and repair: Superior	
	Formaldehyde, solvent & water: Free	
Static Friction Coefficient ASTM D-2394-99	Slippery resistance coefficient more than 0.5	
UV Rays Protection	Sunshield™	
Pure Genius®	Air-Purifying Titanium Dioxide Photocatalytic Agent	
	NOX Removal:	Superior - 0.35lb / year / 454 ft² - 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

INSTALLATION, USAGE & WARRANTIES			
Installation	Levels: Basement, main and upper floors	Methods: Nailed, stapled, glued or floated	Subfloors: Concrete, plywood or OSB 3/4"
Radiant Heat	Compatible except for American Hickory		
Maintenance	Recommended hardwood flooring cleaning products		
Uses	Residential & light commercial		
Warranties	Structural : Lifetime		
<i>(Please refer to the Installation Guide)</i>	Wear-through finish:	Residential: 50 years	Light Commercial: 5 years

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/cm² (depends on wood species)

CERTIFICATIONS		
LEED	Qualifies for LEED credits projects - Please refer to Eco-declaration VED16-1067-02 (Except exotic species)	
CARB 93120 Phase II	Compliant	
Lacey Act	Compliant	
ISO 14001	CERT-0120164	
PACKAGING	3 1/4" (82.5 mm) - Up to 4'	5 3/16" (132 mm) - Up to 6'
Coverage per box	31.3 ft² (2.91 m²)	30.3 ft² (2.79 m²)
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)	70.71" L x 10.87" W x 2.72" H (1,796 mm L x 284 mm W x 69 mm H)
Box weight	43 - 56 lb (varies depending on species)	51 - 65 lb (varies depending on species)
Boxes per pallet	32	48
Coverage per pallet	1,001.6 ft² (93.05 m²)	1,454.4 ft² (135.11 m²)
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)	72" L x 36" W x 43.5" H (1,828.8 mm L x 914.4 mm W x 1,104 mm H)

RELATIVE SPECIES HARDNESS		
NWFA Janka	Black walnut: 1,010 lb - 22% softer	Santos Mahogany: 2,200 lb - 71% harder
Hardness Test (ASTM-D-143)	Brazilian Cherry: 2,820 lb - 82% harder	White Oak: 1,360 lb 5% harder
Reference: North American Oak 1,290 lb* - 100%	American Hickory: 1820 lb - 41% harder	
*lb = Applied force in pounds		

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MULTI-PLY ENGINEERED CONSTRUCTION - HERRINGBONE - MICRO-V HARDWOOD FLOOR
WHITE OAK (R&Q)

Specifications



CONSTRUCTION			
Type	Multi-ply engineered		
Widths	3 1/4" (82.5 mm)	5 3/16" (132 mm)	
Length - herringbone	13"	23 1/4"	
	(330 mm)	(591 mm)	
Edges	Micro-V on all 4 sides		
Joint	Tongue and groove		
Thickness	Overall	7/16" (11 mm)	
	Wear Layer	1/8" (3.2 mm) dry solid sawn	
	Bottom Layer	5/16" (7.8 mm) Douglas fir plywood 100% sourced from North American forests	
Relative Humidity	35% - 65%		
Fabrication	Designed and manufactured in Canada (Quebec)		
PRODUCTS			
Species	White Oak Rift & Quarter Sawn		
Texture	Smooth		
Grades	Exclusive: Offered exclusively in White Oak, this floor is crafted through a unique sawmilling technique that highlights its most remarkable features. With a color variation ranging from a soft creamy white to a rich golden brown, it's dense and linear grain occasionally reveals sinuous, ribbon-like pattern. The occasional presence of knots and mineral streaks is to be expected, it further enhances the beauty of this sophisticated wooden floor.		
FINISH			
Sheens (Gloss Levels)	Ultra-Matte (10%)		
Titanium™ Finish	Polymerized Titanium finish enhanced with nanotechnology		
Characteristics	Appearance and durability: Superior		
	Gloss wear resistance and stain resistance: Superior		
	Ease of maintenance and repair: Superior		
	Formaldehyde, solvent & water: Free		
Static Friction Coefficient ASTM D-2394-99	Slippery resistance coefficient more than 0.5		
UV Rays Protection	Sunshield™		
Pure Genius®	Air-Purifying Titanium Dioxide Photocatalytic Agent		
	NOX Removal:	Superior - 0.35lb / year / 454 ft² - 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	
INSTALLATION, USAGE & WARRANTIES			
Installation	Levels: Basement, main and upper floors	Methods: Nailed, stapled, glued or floated	Subfloors: Concrete, plywood or OSB 3/4"
Radiant Heat	Compatible		
Maintenance	Recommended hardwood flooring cleaning products		
Uses	Residential & light commercial		
Warranties	Structural : Lifetime		
(Please refer to the Installation Guide)	Wear-through finish:	Residential: 50 years	Light Commercial: 5 years
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/cm² (depends on wood species)		
CERTIFICATIONS			
LEED	Qualifies for LEED credits projects - Please refer to Eco-declaration VED16-1067-02 (Except exotic species)		
CARB 93120 Phase II	Compliant		
Lacey Act	Compliant		
ISO 14001	CERT-0120164		
PACKAGING		3 1/4" (82.5 mm)	5 3/16" (132 mm)
Coverage per box		17.5 ft² (1.63 m²)	33.6 ft² (3.12 m²)
Box size		26 11/16" L x 10 8/16" l x 4 11/16" H (677.8 mm L x 266.7 mm l 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		30 lb	54 lb
Boxes per pallet		32	32
Coverage per pallet		560 ft² (52.03 m²)	1,075.2 ft² (99.089 m²)
Pallet size		48" L x 42" l x 48" H (1,219.2 mm L x 1,066.8 mm l x 1,219.2 mm H)	48" L x 46" 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	White Oak R&Q: 1,360 lb 5% harder		
Hardness Test (ASTM-D-143)			
Reference: North American Oak 1,290 lb* - 100%			
*lb = Applied force in pounds			

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