



Characteristics	Mirage Engineered	
	Natural Collection	
Description	<ul style="list-style-type: none"> Engineered prefinished hardwood flooring with tongues and grooves Micro-V bevel (on 4 sides) 	
Thickness	• 3/8" (10 mm) (Sawn hardwood layer 5/32" (4 mm), 5-ply plywood base 7/32" (6 mm))	
Width	2-9/16" (65 mm)	3-5/16" (84 mm)
Species	3 species: Maple, Yellow Birch, Red Oak	4 species: Maple, Yellow Birch, Red Oak, American Walnut
Grade	<ul style="list-style-type: none"> Select & Better (Selection of more uniform wood grain with slight variations in natural shading) Exclusive (As found in nature. A complete species color and character range) 	
Color choice (refer to 2016 Mirage Collections)	1 color: Natural Some products may not be available. Ask your Mirage representative or consult the product chart.	
Finish	<ul style="list-style-type: none"> Nanolinx HD™: Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane. Nanolinx™ Commercial: Ultraresistant finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane. Semi-gloss (50% gloss) or Cashmere®* (18% gloss) 	
	UV Protection: All products	Formaldehyde: Free
	Water and solvent: No trace	
	Static Friction Coefficient (ASTM-D-2047): Slippery resistance of 0.5 to 0.55	
Applicable standards	Surface Burning (ASTM-E-84): <ul style="list-style-type: none"> FSI (Flame Spread Index) 100 to 150 Classe C (depends on wood species) SD (Smoke Development) 75 to 400 (depends on wood species) 	Surface Burning (ULC-S-102-2): <ul style="list-style-type: none"> FSC (Flame Spread Classification) 100 to 150 (depends on wood species) SD (Smoke Development) 200 to 300 (depends on wood species)
	Critical radiant flux (ASTM-E-648-94a): 0.25 to 0.40 watt/cm ² (depends on wood species)	R value: R 0.3 to 0.4 (depends on wood species)
	Formaldehyde emission (ASTM-E-1333-02): Less than 0.01 ppm	Total VOC (ASTM-D-6670-01): Less than 0.011 ppm (depends on wood species)
Installation	Stapled or glued down (above, on or below grade)	
Subfloor	Wood, concrete or radiant heat system	
Provenance	Made in St-Georges, Qc, Canada.	
Certification	FSC® available on Maple, Red Oak, Yellow Birch, American Walnut.	
Use	Residential, light commercial or commercial (Nanolinx™ Commercial)	
Accessory	Round Stair nosing, Round reducer, Threshold, "T" molding, Quarter round	
Warranty	<ul style="list-style-type: none"> Structural lifetime limited warranty 35-year finish warranty for residential applications 	<ul style="list-style-type: none"> 3-year finish warranty for light commercial applications 5-year finish warranty for commercial applications with Nanolinx™ Commercial
Board length	2-9/16" (65 mm)	3-5/16" (84 mm)
6 assorted lengths	± 13-3/4 inches (350 mm) ± 17-7/8 inches (455 mm) ± 23-1/2 inches (595 mm) ± 29 inches (736 mm) ± 33-1/8 inches (841 mm) ± 46-7/8 inches (1,191 mm)	± 13-3/4 inches (350 mm) ± 16-5/8 inches (420 mm) ± 22-7/8 inches (576 mm) ± 28-7/8 inches (732 mm) ± 31-7/8 inches (802 mm) ± 45-3/8 inches (1,152 mm)
Packaging	2-9/16" (65 mm)	3-5/16" (84 mm)
Content of a box	• 20 ft ² (1,858 m ²)	• 25 ft ² (2,322 m ²)
Size of a box	• 48" L x 8-1/4" W x 3-1/4" H	• 47" L x 10-1/4" W x 3-1/4" H
Weight of a box	• 27 to 34 lbs	• 34 to 41 lbs
Content of a pallet	• 50 boxes = 1,000 ft ² (5 boxes/W x 10 boxes/H)	• 40 boxes = 1,000 ft ² (4 boxes/W x 10 boxes/H)
Size of a pallet	• 48" L x 42" W x 37" H	• 47" L x 42" W x 37" H
Relative species hardness		
NWFA Janka Test	<ul style="list-style-type: none"> American Walnut 1,010 lbs - 22% softer Yellow Birch 1,260 lbs - 2% softer Red Oak 1,290 lbs - average hardness Maple 1,450 lbs - 12% harder 	
Hardness test (ASTM-D-143)		
Red Oak 1290 lbs* - 100%		
*lbs = Applied force in pounds		

* Cashmere is a registered trademark used under license.



Characteristics	Mirage Engineered	
	Natural Collection	
Description	<ul style="list-style-type: none"> Engineered prefinished hardwood flooring with tongues and grooves Micro-V bevel (on 4 sides) 	
Thickness	1/2" (13 mm) (Sawn hardwood layer 5/32" (4 mm), 7-ply plywood base 11/32" (9 mm))	
Width	5" (127 mm)	6-1/2" (165 mm)
Species	7 species: Maple, Red Oak, White Oak, R&Q, Old White Oak, R&Q, Hickory, Old Hickory, Knotty Walnut	6 species: Maple, Red Oak, White Oak, R&Q, Old White Oak, R&Q, Hickory, Old Hickory
Grade	<ul style="list-style-type: none"> Exclusive (As found in nature. A complete species color and character range) Knotty Walnut (These floors are appreciated for their pronounced color variations. They feature mineral streaks, sound and repaired knots, surface holes, pith, hairline surface cracks, and natural imperfections) Old Hickory (These floors present pronounced color variations, repaired and sound knots, surface holes, hairline cracks, mineral streaks, and other character marks) Old White Oak, R&Q (These floors present pronounced color variations, open and closed knots, mineral streaks, cracks, surface holes, and other character or milling marks. Some distinctive marks may become prominent over time due to changes in the environment). 	
Color choice (refer to 2016 Mirage Collections)	1 color: Natural Some products may not be available. Ask your Mirage representative or consult the product chart.	
Finish	<ul style="list-style-type: none"> Nanolinx HD™: Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane. Nanolinx™ Commercial: Ultraresistant finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane. Semi-gloss (50% gloss) or Cashmere®* (18% gloss) 	
	UV Protection: All products	Formaldehyde: Free
	Water and solvent: No trace	
	Static Friction Coefficient (ASTM-D-2047): Slippery resistance of 0.5 to 0.55	
Applicable standards	Surface Burning (ASTM-E-84): • FSI (Flame Spread Index) 100 to 150 Classe C (depends on wood species) • SD (Smoke Development) less than 400 (depends on wood species)	Surface Burning (ULC-S-102-2): • FSC (Flame Spread Classification) 80 (depends on wood species) • SD (Smoke Development) max 350 (depends on wood species)
	Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm ² (depends on wood species)	R value: R 0.44 to 0.51 (depends on wood species)
	Formaldehyde emission (ASTM-E-1333-02): Less than 0.01 ppm	Total VOC (ASTM-D-6670-01): 0.011 ppm (depends on wood species)
	Installation	Stapled or glued down (above, on or below grade)
Subfloor	Wood, concrete or radiant heat system (with the exception of Hickory)	
Provenance	Made in St-Georges, Qc, Canada.	
Certification	FSC® available on Maple, Red Oak, Hickory, White Oak, R&Q and American Walnut.	
Use	Residential, light commercial or commercial (Nanolinx™ Commercial)	
Accessory	Round Stair nosing, Square Stair nosing, Round Reducer, Threshold, "T" molding, Quarter round	
Warranty	<ul style="list-style-type: none"> Structural lifetime limited warranty 35-year finish warranty for residential applications 	<ul style="list-style-type: none"> 3-year finish warranty for light commercial applications 5-year finish warranty for commercial applications with Nanolinx™ Commercial
Board length	5" (127 mm)	6-1/2" (165 mm)
6 assorted lengths	± 19 inches (482 mm) ± 25-1/2 inches (648 mm) ± 30 inches (762 mm) ± 34-1/2 inches (876 mm) ± 41 inches (1,042 mm) ± 60 inches (1,524 mm)	± 19-11/16 inches (500 mm) ± 25-1/2 inches (648 mm) ± 34-5/8 inches (879 mm) ± 43-11/16 inches (1,110 mm) ± 49-1/2 inches (1,258 mm) ± 69-1/4 inches (1,758 mm)
Packaging	5" (127 mm)	6-1/2" (165 mm)
Content of a box	25 ft ² (2,322 m ²)	25 ft ² (2,322 m ²)
Size of a box	61" L x 10-1/4" W x 3-1/4" H	70" L x 7" W x 4-1/4" H
Weight of a box	46 to 51 lbs	46 to 51 lbs
Content of a pallet	40 boxes = 1,000 ft ² (4 boxes/W x 10 boxes/H)	42 boxes = 1,050 ft ² (6 boxes/W x 7 boxes/H)
Size of a pallet	61" L x 42" W x 37" H	70" L x 42" W x 33" H
Relative species hardness		
NWFA Janka Test	<ul style="list-style-type: none"> American Walnut 1,010 lbs - 22% softer Red Oak 1,290 lbs - average hardness White Oak, R&Q 1,360 lbs - 5% harder Maple 1,450 lbs - 12% harder Hickory 1,820 lbs - 41% harder 	
Hardness test (ASTM-D-143)		
Red Oak 1290 lbs* - 100%		
*lbs = Applied force in pounds		

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