



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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Characteristics	Mirage Engineered		
	Exotic 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	1 species: Cabreuva	3 species: Brazilian Cherry (Jatoba), African Mahogany, Sapele	
Grade	• Exclusive (As found in nature. A complete species color and character range)		
Color choice (refer to 2016 Mirage Collections)	4 colors: Natural, Brass, Henna, Onyx 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):	Surface Burning (ULC-S-102-2):	
	<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) 	<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 (with the exception of Brazilian Cherry (Jatoba))		
Provenance	Made in St-Georges, Qc, Canada.		
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	<ul style="list-style-type: none"> ± 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) 	<ul style="list-style-type: none"> ± 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	• Sapele	1,500 lbs - 16% harder	
Hardness test (ASTM-D-143)	• African Mahogany	1,500 lbs - 16% harder	
	• Santos Mahogany (Cabreuva)	2,200 lbs - 71% harder	
	• Brazilian Cherry (Jatoba)	2,350 lbs - 82% harder	
Red Oak 1290 lbs* - 100%			
*lbs = Applied force in pounds			

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Characteristics	Mirage Engineered		
	Exotic 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)		
Species	3 species: African Mahogany, Brazilian Cherry (Jatoba), Sapele		
Grade	• Exclusive (As found in nature. A complete species color and character range)		
Color choice (refer to 2016 Mirage Collections)	4 colors: Natural, Brass, Henna, Onyx 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) less than 400 (depends on wood species) 	Surface Burning (ULC-S-102-2): <ul style="list-style-type: none"> 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 Brazilian Cherry (Jatoba))		
Provenance	Made in St-Georges, Qc, Canada.		
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 3-5-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 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)		
Packaging	5" (127 mm)		
Content of a box	• 25 ft ² (2.322 m ²)		
Size of a box	• 61" L x 10-1/4" W x 3-1/4" H		
Weight of a box	• 46 to 51 lbs		
Content of a pallet	• 40 boxes = 1,000 ft ² (4 boxes/W x 10 boxes/H)		
Size of a pallet	• 61" L x 42" W x 37" H		
Relative species hardness			
NWFA Janka Test	• Sapele	1,500 lbs - 16% harder	
Hardness test (ASTM-D-143)	• African Mahogany	1,500 lbs - 16% harder	
	• Brazilian Cherry (Jatoba)	2,350 lbs - 82% harder	
Red Oak 1290 lbs* - 100%			
*lbs = Applied force in pounds			

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Characteristics	Mirage Engineered		
	Admiration 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	3 species: Maple, Yellow Birch, Red Oak	
Grade	• Exclusive (As found in nature. A complete species color and character range)		
Color choice (refer to 2016 Mirage Collections)	21 colors: Nordic, Rio, Platinum, Greystone, Charcoal, Graphite, Sambuca, Java, Vienna, Umbria, Havana, Rich Oak, Colorado, Savanna, Sonora, Sierra, Golden, Nevada, Auburn, Canyon, Coffee Some products may require a minimum quantity or 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):	Surface Burning (ULC-S-102-2):	
	<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) 	<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 and Yellow Birch.		
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	<ul style="list-style-type: none"> ± 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) 	<ul style="list-style-type: none"> ± 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	• Yellow Birch	1,260 lbs - 2% softer	
Hardness test (ASTM-D-143)	• Red Oak	1,290 lbs - average hardness	
	• Maple	1,450 lbs - 12% harder	
Red Oak 1290 lbs* - 100%			
*lbs = Applied force in pounds			

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Characteristics	Mirage Engineered	
	Admiration 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	5 species: Maple, Red Oak, Knotty Walnut, Hickory, Old Hickory	4 species: Maple, Red Oak, 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) 	
Color choice (refer to 2016 Mirage Collections)	21 colors: Nordic, Rio, Platinum, Greystone, Charcoal, Graphite, Sambuca, Java, Coffee, Vienna, Umbria, Havana, Rich Oak, Colorado, Savanna, Sonora, Sierra, Golden, Nevada, Auburn, Canyon 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	<p>Surface Burning (ASTM-E-84):</p> <ul style="list-style-type: none"> FSI (Flame Spread Index) 100 to 150 Classe C (depends on wood species) SD (Smoke Development) less than 400 (depends on wood species) <p>Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm² (depends on wood species)</p> <p>Formaldehyde emission (ASTM-E-1333-02): Less than 0.01 ppm</p>	
		<p>Surface Burning (ULC-S-102-2):</p> <ul style="list-style-type: none"> FSC (Flame Spread Classification) 80 (depends on wood species) SD (Smoke Development) max 350 (depends on wood species) <p>R value: R 0.44 to 0.51 (depends on wood species)</p> <p>Total VOC (ASTM-D-6670-01): 0.011 ppm (depends on wood species)</p>
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 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 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	<ul style="list-style-type: none"> ± 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) 	
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	• American Walnut	1,010 lbs - 22% softer
Hardness test (ASTM-D-143)	• Red Oak	1,290 lbs - average hardness
	• Maple	1,450 lbs - 12% harder
	• Hickory	1,820 lbs - 41% harder
	Red Oak 1290 lbs* - 100%	
*lbs = Applied force in pounds		

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Characteristics	Mirage Engineered	
	Alive Collection	
Description	<ul style="list-style-type: none"> Engineered prefinished hardwood flooring with tongues and grooves Micro-V bevel (on 4 sides) Brushed 	
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	2 species: Red Oak, White Oak, R&Q	2 species: Red Oak, White Oak, R&Q
Grade	• Exclusive (As found in nature. A complete species color and character range)	
Color choice (refer to 2016 Mirage Collections)	3 colors: Isla, Urbana, Sepia	
Finish	<ul style="list-style-type: none"> Nanolinx HD™: Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane. 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) Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm ² (depends on wood species) Formaldehyde emission (ASTM-E-1333-02): Less than 0.01 ppm	Surface Burning (ULC-S-102-2): • FSC (Flame Spread Classification) 80 (depends on wood species) • SD (Smoke Development) max 350 (depends on wood species) R value: R 0.44 to 0.51 (depends on wood species) 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	
Provenance	Made in St-Georges, Qc, Canada.	
Certification	FSC® available on Red Oak and White Oak, R&Q.	
Use	Residential or light 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 	• 3-year finish warranty for light commercial applications
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	• Red Oak	1,290 lbs - average hardness
Hardness test (ASTM-D-143)	• White Oak, R&Q	1,360 lbs - 5% harder
Red Oak 1290 lbs* - 100%		
*lbs = Applied force in pounds		

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Characteristics	Mirage Engineered		
	Sweet Memories Collection - Aged Maple		
Description	<ul style="list-style-type: none"> Engineered prefinished hardwood flooring with tongues and grooves Micro-V bevel (on 4 sides) An exclusive variable staining process 		
Thickness	• 1/2" (13 mm) (Sawn hardwood layer 5/32" (4 mm), 7-ply plywood base 11/32" (9 mm))		• 3/4" (19 mm) (Sawn hardwood layer 5/32" (4 mm), 11-ply plywood base 11/32" (11 mm))
Width	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Species	1 species: Aged Maple		1 species: Aged Maple
Grade	• Sweet Memories - Aged Maple (These floors present pronounced color variations, repaired and sound knots, surface holes, hairline cracks, mineral streaks, and other character marks)		
Color choice (refer to 2016 Mirage Collections)	4 colors: Nougat, Praline, Gingerbread, Black Jelly Bean		
Finish	• Nanolinx HD™: Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.		
	• Cashmere®* (18% gloss)		
	UV Protection: All products		Formaldehyde: Free
	Water and solvent: No trace		
	Static Friction Coefficient (ASTM-D-4518-91): Slippery resistance of 0.5 to 0.55		
Applicable standards	Surface Burning (ASTM-E-84):		Surface Burning (ULC-S-102-2):
	• FSI (Flame Spread Index) 100 to 150 Classe C (depends on wood species)		• FSC (Flame Spread Classification) 80 (depends on wood species)
	• SD (Smoke Development) less than 400 (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		
Provenance	Made in St-Georges, Qc, Canada.		
Certification	FSC® available on Maple.		
Use	Residential or light commercial		
Accessory	Round Stair nosing, Square Stair nosing, Round Reducer, Threshold, "T" molding, Quarter round		
Warranty	• Structural lifetime limited warranty		• 3-year finish warranty for light commercial applications
	• 35-year finish warranty for residential applications		
Board length	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 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)	± 23-1/4 inches (590 mm) ± 34-1/8 inches (866 mm) ± 41 inches (1,043 mm) ± 48 inches (1,220 mm) ± 58-7/8 inches (1,496 mm) ± 82-1/8 inches (2,086 mm)
Packaging	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Content of a box	• 25 ft ² (2.322 m ²)		• 17.60 ft ² (1.635 m ²)
Size of a box	• 61" L x 10-1/4" W x 3-1/4" H		• 83" L x 8-3/8" W x 3-1/4" H
Weight of a box	• 46 to 51 lbs		• 50 to 53 lbs
Content of a pallet	• 40 boxes = 1,000 ft ² (4 boxes/W x 10 boxes/H)		• 50 boxes = 880 ft ² (5 boxes/W x 10 boxes/H)
Size of a pallet	• 61" L x 42" W x 37" H		• 83" L x 42" W x 37" H
Relative species hardness			
NWFA Janka Test	• Maple	1,450 lbs - 12% harder	
Hardness test (ASTM-D-143)			
Red Oak 1290 lbs* - 100%			
*lbs = Applied force in pounds			

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Characteristics	Mirage Engineered		
	Sweet Memories Collection - Handcrafted Oak		
Description	<ul style="list-style-type: none"> Engineered prefinished hardwood flooring with tongues and grooves Micro-V bevel (on 4 sides) Antique look, brushed 		
Thickness	• 1/2" (13 mm) (Sawn hardwood layer 5/32" (4 mm), 7-ply plywood base 11/32" (9 mm))		• 3/4" (19 mm) (Sawn hardwood layer 5/32" (4 mm), 11-ply plywood base 11/32" (11 mm))
Width	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Species	2 species: Red Oak, White Oak, R&Q		1 species: Red Oak
Grade	<ul style="list-style-type: none"> Handcrafted Red Oak (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) Handcrafted 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)	5 colors: Carousel, Château, Treasure, Hopscotch, Tree House		
Finish	<ul style="list-style-type: none"> Nanolinx HD™: Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane. Cashmere* (18% gloss) 		
	UV Protection: All products		Formaldehyde: Free
	Water and solvent: No trace		
	Static Friction Coefficient (ASTM-D-4518-91): 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) less than 400 (depends on wood species) 		Surface Burning (ULC-S-102-2): <ul style="list-style-type: none"> 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		
Provenance	Made in St-Georges, Qc, Canada.		
Certification	FSC® available on Red Oak and White Oak, R&Q.		
Use	Residential or light 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
Board length	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
6 assorted lengths	<ul style="list-style-type: none"> ± 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) 	<ul style="list-style-type: none"> ± 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) 	<ul style="list-style-type: none"> ± 23-1/4 inches (590 mm) ± 34-1/8 inches (866 mm) ± 41 inches (1,043 mm) ± 48 inches (1,220 mm) ± 58-7/8 inches (1,496 mm) ± 82-1/8 inches (2,086 mm)
Packaging	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Content of a box	• 25 ft ² (2.322 m ²)	• 25 ft ² (2.322 m ²)	• 17.60 ft ² (1.635 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	• 83" L x 8-3/8" W x 3-1/4" H
Weight of a box	• 46 to 51 lbs	• 46 to 51 lbs	• 50 to 53 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)	• 50 boxes = 880 ft ² (5 boxes/W x 10 boxes/H)
Size of a pallet	• 61" L x 42" W x 37" H	• 70" L x 42" W x 33" H	• 83" L x 42" W x 37" H
Relative species hardness			
NWFA Janka Test	<ul style="list-style-type: none"> Red Oak 1,290 lbs - average hardness White Oak, R&Q 1,360 lbs - 5% harder 		
Hardness test (ASTM-D-143)			
Red Oak 1290 lbs* - 100%			
*lbs = Applied force in pounds			

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Characteristics	Mirage Engineered		
	Imagine Collection		
Description	<ul style="list-style-type: none"> Engineered prefinished hardwood flooring with tongues and grooves Micro-V bevel (on 4 sides) Textured 		
Thickness	• 1/2" (13 mm) (Sawn hardwood layer 5/32" (4 mm), 7-ply plywood base 11/32" (9 mm))		• 3/4" (19 mm) (Sawn hardwood layer 5/32" (4 mm), 11-ply plywood base 11/32" (11 mm))
Width	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Species	3 species: Old Maple, Old Red Oak, Old Hickory		2 species: Old Maple, Old Red Oak
Grade	<ul style="list-style-type: none"> Old Maple (These floors present pronounced color variations, repaired and sound knots, surface holes, hairline cracks, mineral streaks, and other character or milling marks) Old Red Oak (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) Old Hickory (These floors present pronounced color variations, repaired and sound knots, surface holes, hairline cracks, mineral streaks, and other character marks) 		
Color choice (refer to 2016 Mirage Collections)	6 colors: Papyrus, Rock Cliff, Seashell, Barn Wood, Sandstone, Fossil 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. 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) less than 400 (depends on wood species) 		Surface Burning (ULC-S-102-2): <ul style="list-style-type: none"> 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 and Hickory.		
Use	Residential, light commercial or commercial (Nanolinx™ Commercial)		
Accessory	Textured 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 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)	7-3/4" (197 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)	± 23-1/4 inches (590 mm) ± 34-1/8 inches (866 mm) ± 41 inches (1,043 mm) ± 48 inches (1,220 mm) ± 58-7/8 inches (1,496 mm) ± 82-1/8 inches (2,086 mm)
Packaging	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Content of a box	• 25 ft ² (2.322 m ²)	• 25 ft ² (2.322 m ²)	• 17.60 ft ² (1.635 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	• 83" L x 8-3/8" W x 3-1/4" H
Weight of a box	• 46 to 51 lbs	• 46 to 51 lbs	• 50 to 53 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)	• 50 boxes = 880 ft ² (5 boxes/W x 10 boxes/H)
Size of a pallet	• 61" L x 42" W x 37" H	• 70" L x 42" W x 33" H	• 83" L x 42" W x 37" H
Relative species hardness			
NWFA Janka Test	• Red Oak	1,290 lbs - average hardness	
Hardness test (ASTM-D-143)	• Maple	1,450 lbs - 12% harder	
	• Hickory	1,820 lbs - 41% harder	
Red Oak 1290 lbs* - 100%			
*lbs = Applied force in pounds			

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Characteristics	Mirage Engineered	
	Herringbone Collection	
Description	<ul style="list-style-type: none"> Engineered prefinished hardwood flooring with tongue and groove edges, and grooves at both ends 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))	1/2" (13 mm) (Sawn hardwood layer 5/32" (4 mm), 7-ply plywood base 11/32" (9 mm))
Length	17-7/8" (455 mm)	20" (508 mm)
Width	2-9/16" (65 mm)	5" (127 mm)
Species	4 species: Maple, Red Oak, Hickory, Knotty Walnut	
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) 	
Color choice (refer to 2016 Mirage Collections)	21 colors: Natural, Nordic, Rio Platinum, Greystone, Charcoal, Graphite, Sambuca, Java, Vienna, Havana, Umbria, Rich Oak, Colorado, Savanna, Sonora, Sierra, Golden, Nevada, Auburn, Coffee	
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 (Class C (depends on wood species)) SD (Smoke Development) 75 to 400 (depends on wood species) Critical radiant flux (ASTM-E-648-94a): 0.25 to 0.40 watt/cm ² (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) 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	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 and Knotty 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
Patterns	Length: 17-7/8" (455 mm)	Length: 20" (508 mm)
	<ul style="list-style-type: none"> Herringbone Basket Double Herringbone Cube English pattern (bricks) 	<ul style="list-style-type: none"> Herringbone Basket Double Herringbone Cube English pattern (bricks)
Packaging	Length: 17-7/8" (455 mm)	Length: 20" (508 mm)
Content of a box	• 15.28 ft ² (1.420 m ²)	• 25 ft ² (2.322 m ²)
Size of a box	• 37" L x 8-1/4" W x 3-1/4" H	• 61" L x 10-1/4" W x 3-1/4" H
Weight of a box	• 22 to 27 lbs	• 46 to 51 lbs
Content of a pallet	• 40 boxes = 611.2 ft ² (5 boxes/W x 8 boxes/H)	• 40 boxes = 1000 ft ² (5 boxes/W x 8 boxes/H)
Size of a pallet	• 42" L x 37" W x 30" H	• 61" 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 Red Oak 1,290 lbs - average hardness 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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Characteristics	Mirage Engineered		
	Flair Collection - Light character		
Description	<ul style="list-style-type: none"> Engineered prefinished hardwood flooring with tongues and grooves Micro-V bevel (on 4 sides) An ultra-matte finish on a light character grade 		
Thickness	• 1/2" (13 mm) (Sawn hardwood layer 5/32" (4 mm), 7-ply plywood base 11/32" (9 mm))		• 3/4" (19 mm) (Sawn hardwood layer 5/32" (4 mm), 11-ply plywood base 11/32" (11 mm))
Width	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Species	1 species: Maple	2 species: White Oak, plain sawn, Maple	
Grade	Light character floors have fewer natural character marks such as pronounced color variations, open and closed knots, mineral streaks, surface holes and hairline cracks and other character or milling marks. Some distinctive marks may become prominent over time due to changes in the environment. Available on Maple and White Oak, Plain sawn (open grain)		
Color choice (refer to 2016 Mirage Collections)	5 colors: White Mist, Snowdrift, Sand Dune, Grey Drizzle, Dark Leaf Some products may not be available. Ask your Mirage representative or consult the product chart.		
Finish	DuraMatt™: Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.		
	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		
Provenance	Made in St-Georges, Qc, Canada.		
Certification	FSC® available on White Oak, plain sawn and Maple.		
Use	Residential or light commercial		
Accessory	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 	
Board length	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 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)	± 23-1/4 inches (590 mm) ± 34-1/8 inches (866 mm) ± 41 inches (1,043 mm) ± 48 inches (1,220 mm) ± 58-7/8 inches (1,496 mm) ± 82-1/8 inches (2,086 mm)
Packaging	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Content of a box	• 25 ft ² (2,322 m ²)	• 25 ft ² (2,322 m ²)	• 17.60 ft ² (1,635 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	• 83" L x 8-3/8" W x 3-1/4" H
Weight of a box	• 46 to 51 lbs	• 46 to 51 lbs	• 50 to 53 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)	• 50 boxes = 880 ft ² (5 boxes/W x 10 boxes/H)
Size of a pallet	• 61" L x 42" W x 37" H	• 70" L x 42" W x 33" H	• 83" L x 42" W x 37" H
Relative species hardness			
NWFA Janka Test	• White Oak, plain sawn 1,360 lbs - 5% harder		
Hardness test (ASTM-D-143)	• Maple 1,450 lbs - 12% harder		
Red Oak 1290 lbs* - 100%			
*lbs = Applied force in pounds			

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Characteristics	Mirage Engineered			
	Flair Collection - Heavy character			
Description	<ul style="list-style-type: none"> Engineered prefinished hardwood flooring with tongues and grooves Micro-V bevel (on 4 sides) An ultra-matte finish on a heavy character grade 			
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	2 species: White Oak, plain sawn and Maple			
Grade	Heavy character floors have a high number of natural character marks such as 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. Available on Maple and White Oak, plain sawn (open grain on White Oak).			
Color choice (refer to 2016 Mirage Collections)	5 colors: White Mist, Snowdrift, Sand Dune, Grey Drizzle, Dark Leaf Some products may not be available. Ask your Mirage representative or consult the product chart.			
Finish	DuraMatt™: Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.			
	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):		Surface Burning (ULC-S-102-2):	
	<ul style="list-style-type: none"> FSI (Flame Spread Index) 100 to 150 Classe C (depends on wood species) SD (Smoke Development) less than 400 (depends on wood species) 		<ul style="list-style-type: none"> 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			
Provenance	Made in St-Georges, Qc, Canada.			
Certification	FSC® available on Maple and White Oak.			
Use	Residential or light commercial			
Accessory	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 	
	Board length	5" (127 mm) White Oak only**	5" (127 mm) Maple only	6-1/2" (165 mm)
6 assorted lengths	± 20-1/8 inches (511 mm)	± 19 inches (482 mm)	± 19-11/16 inches (500 mm)	
	± 30-3/16 inches (767 mm)	± 25-1/2 inches (648 mm)	± 25-1/2 inches (648 mm)	
	± 41 inches (1,043 mm)	± 30 inches (762 mm)	± 34-5/8 inches (879 mm)	
	± 51-15/16 inches (1,319 mm)	± 34-1/2 inches (876 mm)	± 43-11/16 inches (1,110 mm)	
	± 62 inches (1,575 mm)	± 41 inches (1,042 mm)	± 49-1/2 inches (1,258 mm)	
Packaging	5" (127 mm) White Oak only	5" (127 mm) Maple only	6-1/2" (165 mm)	
	Content of a box	• 34.21 ft ² (3.178 m ²)	• 25 ft ² (2.322 m ²)	• 25 ft ² (2.322 m ²)
Size of a box	• 83" L x 10-1/4" W x 3-1/4" H	• 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	• 62 lbs	• 46 to 51 lbs	• 46 to 51 lbs
Content of a pallet	• 40 boxes = 1,368 ft ² (4 boxes/W x 10 boxes/H)	• 40 boxes = 1,000 ft ² (4 boxes/W x 10boxes/H)	• 42 boxes = 1,050 ft ² (6 boxes/W x 7 boxes/H)	
	Size of a pallet	• 83" L x 42" W x 37" H	• 61" L x 42" W x 37" H	• 70" L x 42" W x 33" H
Relative species hardness				
NWFA Janka Test Hardness test (ASTM-D-143)	• White Oak, plain sawn	1,360 lbs - 5% harder		
	• Maple	1,450 lbs - 12% harder		
Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds				

* Cashmere is a registered trademark used under license.

** Lengths only available for the White Oak Heavy character in th Flair Collection.