



Characteristics	Mirage Engineered		
	Natural Collection		
Description	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 15/64" (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, Walnut	
Grade	Select & Better (Selection of more uniform wood grain with slight Exclusive (As found in nature. A complete species color and char		
Color choice (refer to 2017 Mirage Collections)	1 color: Natural Some products may not be available. Ask your Mirage representativ	ve or consult the product chart.	
Finish	Nanolinx HD™: Finishing system made of aluminum oxide and na Nanolinx™ Commercial: Ultraresistant finishing system made of a polyurethane. Semi-gloss (50% gloss) or Cashmere®* (18% gloss)	anosilica particle composites suspended in UV cured polyurethane. aluminum oxide and nanosilica particle composites suspended in UV cured	
	UV Protection: All products	Formaldehyde: Free	
	Water and solvent: No trace		
	Static Friction Coefficient (ASTM-D-2047): Slippery resistance of C	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) 75 to 400 (depends on wood species)	Surface Burning (ULC-S-102-2): FSV (Flame Spread Value) 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/cm² (depends on wood species)	R value: R 0.3 to 0.4 (depends on wood species)	
	Formaldehyde and VOC emissions (CDPH 1.1, 2010): Target product group (Engineered) conform		
Installation	Stapled, nailed or glued down (above, on or below grade)		
Subfloor	Wood, concrete or radiant heat system		
Provenance	Made in St-Georges, Qc, Canada.		
Use	Residential, light commercial or commercial (Nanolinx™ Commercial)		
Accessory	Round Stair nosing, Round reducer, Threshold, "T" molding, Quarte	r round	
Warranty	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	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) ± 16-1/2 inches (420 mm) ± 22-5/8 inches (576 mm) ± 28-7/8 inches (732 mm) ± 31-5/8 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 Size of a box	20 ft² (1.858 m²) 48" L x 8-1/4" W x 3-1/4" H	• 25 ft² (2.322 m²) • 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	1 010 lb - 000/- "		
NWFA Janka Test Hardness test (ASTM-D-143) Red Oak 1290 lbs* - 100%	• 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		
*lbs = Applied force in pounds	- mapie 1,450 lbs - 12% flatuet		

^{*} Cashmere is a registered trademark used under license.





Characteristics	Mirage Engineered			
	Natural Collection			
Description	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 ba	se 11/32" (9 mm))	
Length	• Each box of Mirage Engineered 5" ar	nd 6-1/2" widths contains fixed I	poard lengths up to 82" (2,086 mm)	
Width	5" (127 mm)		6-1/2" (165 mm)	
Species	7 species: Maple, Red Oak, White Oal R&Q, Hickory, Hickory Character, Waln		6 species: Maple, Red Oak, White Oak, R&Q, White Oak Character, R&Q, Hickory, Hickory Character	
Grade		loors are appreciated for their p	er range) ronounced color variation. They feature open and closed knots, mineral Some distinctive marks may become prominent over time due to changes	
Color choice (refer to 2017 Mirage Collections)	1 color: Natural Some products may not be available. A	Ask your Mirage representative c	r consult the product chart.	
Finish		nt finishing system made of alur	silica particle composites suspended in UV cured polyurethane. ninum oxide and nanosilica particle composites suspended in UV cured	
	UV Protection: All products		Formaldehyde: Free	
	Water and solvent: No trace			
	Static Friction Coefficient (ASTM-D-2	047): 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 2 wood species)	3)	Surface Burning (ULC-S-102-2): • FSV (Flame Spread Value) 80 (depends on wood species) • SD (Smoke Development) max 350 (depends on wood species)	
	Critical radiant flux (ASTM-E-648-94a 0.41 watt/cm² (depends on wood spec	cies)	R value: R 0.44 to 0.48 (depends on wood species)	
To all Barrier	Formaldehyde and VOC emissions (C			
Installation	Stapled, nailed, glued down or floating		grade)	
Subfloor	Wood, concrete or radiant heat system	(with the exception of Hickory)		
Provenance	Made in St-Georges, Qc, Canada.			
Use	Residential, light commercial or comme			
Accessory	Round Stair nosing, Square Stair nosin	g, Round Reducer, Threshold, "	<u> </u>	
Warranty	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 	
Packaging	5" (127 mm)		6-1/2" (165 mm)	
Content of a box	• 34.10 ft² (3.168 m²)		• 22.15 ft² (2.058 m²)	
Size of a box	• 83" L x 10-1/2" W x 3-1/4" H		• 83" L x 7" W x 3-1/4" H	
Weight of a box	• 65 to 70 lbs	0.1 // //	• 42 to 45 lbs	
Content of a pallet	• 32 boxes = 1,091.2 ft ² (4 boxes/W x 8 boxes/H) • 48 boxes = 1,063.20 ft ² (6 boxes/W x 8 boxes/H) • 82" x 42" W x 20" H			
Size of a pallet	• 83" L x 42" W x 30" H		• 83" L x 42" W x 30" H	
Relative species hardness	a Malaca	010 lbs 000/ seften		
NWFA Janka Test Hardness test (ASTM-D-143)		,010 lbs - 22% softer ,290 lbs - average hardness		
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Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds		,450 lbs - 12% harder		
ibo = Applied force in pourids	• Hickory 1	,820 lbs - 41% harder		

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Characteristics	Mirage Engineered		
	Exotic Collection		
Description	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 15/64" (6 mm))	
Width	3-5/16" (84 mm)		
Species	3 species: Brazilian Cherry, African Mahogany, Sapele		
Grade	• Exclusive (As found in nature. A complete species color and chara	acter range)	
Color choice (refer to 2017 Mirage Collections)	3 colors: Natural, Brass, Onyx Some products may not be available. Ask your Mirage representative	e or consult the product chart.	
Finish	polyurethane. • Semi-gloss (50% gloss) or Cashmere®* (18% gloss)	nosilica particle composites suspended in UV cured polyurethane. Iuminum oxide and nanosilica particle composites suspended in UV cured	
	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) 75 to 400 (depends on wood species)	Surface Burning (ULC-S-102-2): • FSV (Flame Spread Value) 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/cm² (depends on wood species)	R value: R 0.3 to 0.4 (depends on wood species)	
	Formaldehyde and VOC emissions (CDPH 1.1, 2010): Target product group (Engineered) conform		
Installation	Stapled, nailed or glued down (above, on or below grade)		
Subfloor	Wood, concrete or radiant heat system (with the exception of Brazilia	an Cherry)	
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		
Warranty	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	3-5/16" (84 mm)		
6 assorted lengths	± 13-3/4 inches (350 mm) ± 16-1/2 inches (420 mm) ± 22-5/8 inches (576 mm) ± 28-7/8 inches (732 mm) ± 31-5/8 inches (802 mm) ± 45-3/8 inches (1,152 mm)		
Packaging	3-5/16" (84 mm)		
Content of a box	• 25 ft² (2.322 m²)		
Size of a box Weight of a box	• 47" L x 10-1/4" W x 3-1/4" H • 34 to 41 lbs		
Content of a pallet Size of a pallet	• 40 boxes = 1,000 ft² (4 boxes/W x 10 boxes/H) • 47" L x 42" W x 37" H		
Relative species hardness			
NWFA Janka Test Hardness test (ASTM-D-143) Red Oak 1290 lbs* - 100%	• Sapele 1,500 lbs - 16% harder • African Mahogany 1,500 lbs - 16% harder • Brazilian Cherry 2,350 lbs - 82% harder		
*lbs = Applied force in pounds			

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Characteristics	Mirage Engineered		
	Exotic Collection		
Description	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 ply	ywood base 11/32" (9 mm))	
Length	Each box of Mirage Engineered 5" width contains fixed boa	ard lengths up to 82" (2,086 mm)	
Width	5" (127 mm)		
Species	3 species: African Mahogany, Brazilian Cherry, Sapele		
Grade	Exclusive (As found in nature. A complete species color an	d character range)	
Color choice (refer to 2017 Mirage Collections)	3 colors: Natural, Brass, Onyx Some products may not be available. Ask your Mirage repres	sentative or consult the product chart.	
Finish		and nanosilica particle composites suspended in UV cured polyurethane. Ide of aluminum oxide and nanosilica particle composites suspended in UV cured	
	UV Protection: All products	Formaldehyde: Free	
	Water and solvent: No trace		
	Static Friction Coefficient (ASTM-D-2047): Slippery resistan	ce 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): • FSV (Flame Spread Value) 80 (depends on wood species) • SD (Smoke Development) max 350 (depends on wood species)	
	Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm² (depends on wood species)	R value: R 0.44 to 0.48 (depends on wood species)	
	Formaldehyde and VOC emissions (CDPH 1.1, 2010) : Targ	et product group (Engineered) conform	
Installation	Stapled, nailed, glued down or floating installation (above, on	or below grade)	
Subfloor	Wood, concrete or radiant heat system (with the exception of	f Brazilian Cherry)	
Provenance	Made in St-Georges, Qc, Canada.		
Use	Residential, light commercial or commercial (Nanolinx™ Com	mercial)	
Accessory	Round Stair nosing, Round Reducer, Threshold, "T" molding,	Quarter round	
Warranty	 Structural lifetime limited warranty 35-year finish warranty for light commercial applications 5-year finish warranty for commercial applications with Nanolinx™ Commercial 		
Packaging	5" (127 mm)		
Content of a box Size of a box	34.10 ft² (3.168 m²) 83" L x 10-1/2" W x 3-1/4" H		
Weight of a box Content of a pallet Size of a pallet	65 to 70 lbs 32 boxes = 1,091.2 ft² (4 boxes/W x 8 boxes/H) 83" L x 42" W x 30" H		
Relative species hardness			
NWFA Janka Test Hardness test (ASTM-D-143)			
Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds	Brazilian Cherry 2,350 lbs - 82% harder		

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General **Specifications** mifffes





Characteristics	Mirage Engineered		
	Admiration Collection		
Description	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 b	ase 15/64" (6 mm))
Width	2-9/16" (65 mm)		3-5/16" (84 mm)
Species	3 species: Maple, Yellow Birch, R	led Oak	
Grade	Exclusive (As found in nature. A	complete species color and charac	cter range)
Color choice (refer to 2017 Mirage Collections)	Golden, Nevada, Auburn, Canyo	n	Graphite, Java, Coffee, Vienna, Umbria, Havana, Rich Oak, Savanna, Sierra, ble. Ask your Mirage representative or consult the product chart.
Finish		esistant finishing system made of alu	osilica particle composites suspended in UV cured polyurethane. uminum oxide and nanosilica particle composites suspended in UV cured
	UV Protection: All products		Formaldehyde: Free
	Water and solvent: No trace		
	Static Friction Coefficient (ASTM	1-D-2047): Slippery resistance of 0.5	5 to 0.55
Applicable standards	Surface Burning (ASTM-E-84): FSI (Flame Spread Index) 100 to Classe C (depends on wood sp SD (Smoke Development) 75 to	pecies)	Surface Burning (ULC-S-102-2): • FSV (Flame Spread Value) 100 to 150 (depends on wood species) • SD (Smoke Development) 200 to 300 (depends on wood species)
	Critical radiant flux (ASTM-E-648 0.25 to 0.40 watt/cm² (depends of		R value: R 0.3 to 0.4 (depends on wood species)
	Formaldehyde and VOC emissions (CDPH 1.1, 2010): Target product group (Engineered) conform		
Installation	Stapled, nailed or glued down (above, on or below grade)		
Subfloor	Wood, concrete or radiant heat system		
Provenance	Made in St-Georges, Qc, Canada.		
Use	-	ommercial (Nanolinx™ Commercial)	
Accessory		er, Threshold, "T" molding, Quarter	
Warranty	Structural lifetime limited warrar 35-year finish warranty for resid		 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) ± 16-1/2 inches (420 mm) ± 22-5/8 inches (576 mm) ± 28-7/8 inches (732 mm) ± 31-5/8 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 Size of a box Weight of a box Content of a pallet Size of a pallet	• 20 ft² (1.858 m²) • 48" L x 8-1/4" W x 3-1/4" H • 27 to 34 lbs • 50 boxes = 1,000 ft² (5 boxes A • 48" L x 42" W x 37" H	W x 10 boxes/H)	• 25 ft² (2.322 m²) • 47" L x 10-1/4" W x 3-1/4" H • 34 to 41 lbs • 40 boxes = 1,000 ft² (4 boxes/W x 10 boxes/H) • 47" L x 42" W x 37" H
Relative species hardness			
NWFA Janka Test Hardness test (ASTM-D-143) Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds	Yellow Birch Red Oak Maple	1,260 lbs - 2% softer 1,290 lbs - average hardness 1,450 lbs - 12% harder	

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Characteristics	Mirage Engineered		
	Admiration Collection		
Description	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	d base 11/32" (9 mm))	
Length	• Each box of Mirage Engineered 5" and 6-1/2" widths contains fix	red board lengths up to 82" (2,086 mm)	
Width	5" (127 mm)	6-1/2" (165 mm)	
Species	5 species: Maple, Red Oak, Walnut Character, Hickory, Hickory Character	4 species: Maple, Red Oak, Hickory, Hickory Character	
Grade		racter range) ir pronounced color variation. They feature open and closed knots, mineral rks. Somedistinctive marks may become prominent over time due to changes	
Color choice (refer to 2017 Mirage Collections)	19 colors: Nordic, Cape Cod, Rio, Greystone, Platinum, Charcoal Golden, Nevada, Auburn, Canyon Some products may not be available. Ask your Mirage representati	, Graphite, Java, Coffee, Vienna, Umbria, Havana, Rich Oak, Savanna, Sierra, ve or consult the product chart.	
Finish	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): • FSV (Flame Spread Value) 80 (depends on wood species) • SD (Smoke Development) max 350 (depends on wood species)	
	Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm² (depends on wood species)	R value: R 0.44 to 0.48 (depends on wood species)	
	Formaldehyde and VOC emissions (CDPH 1.1, 2010): Target product group (Engineered) conform		
Installation	Stapled, nailed, glued down or floating installation (above, on or be	low grade)	
Subfloor	Wood, concrete or radiant heat system (with the exception of Hick	ory)	
Provenance	Made in St-Georges, Qc, Canada.		
Use	Residential, light commercial or commercial (Nanolinx™ Commerci	al)	
Accessory	Round Stair nosing, Square Stair nosing, Round Reducer, Thresho	d, "T" molding, Quarter round	
Warranty	 Structural lifetime limited warranty 3-year finish warranty for light commercial applications 5-year finish warranty for commercial applications 5-year finish warranty for commercial applications with Nanolinx™ Commercial 		
Packaging	5" (127 mm)	6-1/2" (165 mm)	
Content of a box	• 34.10 ft² (3.168 m²)	• 22.15 ft² (2.058 m²)	
Size of a box	• 83" L x 10-1/2" W x 3-1/4" H		
Weight of a box Content of a pallet Size of a pallet	 65 to 70 lbs 32 boxes = 1,091.2 ft² (4 boxes/W x 8 boxes/H) 42 to 45 lbs 48 boxes = 1,063.20 ft² (6 boxes/W x 8 boxes/H) 83" L x 42" W x 30" H 83" L x 42" W x 30" H 		
Relative species hardness			
NWFA Janka Test Hardness test (ASTM-D-143)			
Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds	Maple		

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Characteristics	Mirage Engineered		
	Alive Collection		
Description	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 bas	e 11/32" (9 mm))	
Length	• Each box of Mirage Engineered 5" and 6-1/2" widths contains fixed b	oard lengths up to 82" (2,086 mm)	
Width	5" (127 mm)	6-1/2" (165 mm)	
Species	2 species: Red Oak, White Oak, R&Q		
Grade	• Exclusive (As found in nature. A complete species color and characte	r range)	
Color choice (refer to 2017 Mirage Collections)	2 colors: Isla, Sepia		
Finish	Nanolinx HD™: Finishing system made of aluminum oxide and nanos Cashmere®* (18% gloss)	ilica 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): FSV (Flame Spread Value) 80 (depends on wood species) SD (Smoke Development) max 350 (depends on wood species)	
	Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm² (depends on wood species)	R value: R 0.44 to 0.48 (depends on wood species)	
	Formaldehyde and VOC emissions (CDPH 1.1, 2010): Target product	group (Engineered) conform	
Installation	Stapled, nailed, glued down or floating installation (above, on or below of	grade)	
Subfloor	Wood, concrete or radiant heat system		
Provenance	Made in St-Georges, Qc, Canada.		
Use	Residential or light commercial		
Accessory	Round Stair nosing, Square Stair nosing, Round Reducer, Threshold, "T	" molding, Quarter round	
Warranty	Structural lifetime limited warranty 35-year finish warranty for residential applications	3-year finish warranty for light commercial applications	
Packaging	5" (127 mm)	6-1/2" (165 mm)	
Content of a box Size of a box Weight of a box Content of a pallet Size of a pallet	34.10 ft² (3.168 m²) 83" L x 10-1/2" W x 3-1/4" H 65 to 70 lbs 32 boxes = 1,091.2 ft² (4 boxes/W x 8 boxes/H) 83" L x 42" W x 30" H	22.15 ft² (2.058 m²) 83" L x 7" W x 3-1/4" H 42 to 45 lbs 48 boxes = 1,063.20 ft² (6 boxes/W x 8 boxes/H) 83" L x 42" W x 30" H	
Relative species hardness			
NWFA Janka Test Hardness test (ASTM-D-143)	Red Oak		
Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds			

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Characteristics	Mirage Engineered		
	Sweet Memories Collection .!		
Description	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	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 19/32" (15 mm))
Length	• Each box of Mirage Engineered 5", 6-1/2" a	nd 7-3/4" widths contains fixed board lengt	hs up to 82" (2,086 mm)
Width	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Species	1 species: Maple Character		
Grade			riation. They feature open and closed knots, mineral arks may become prominent over time due to changes
Color choice (refer to 2017 Mirage Collections)	6 colors: Gelato, Peppermint, Nougat, Praline	, Gingerbread, Black Jelly Bean	
Finish	 Nanolinx HD™: Finishing system made of al Cashmere®* (18% gloss) 	luminum oxide and nanosilica particle comp	osites suspended in UV cured polyurethane.
	UV Protection: All products	Formaldehyde:	: Free
	Water and solvent: No trace		
	Static Friction Coefficient (ASTM-D-4518-91): S	lippery 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): FSV (Flame Spread Value) 80 (depends on w SD (Smoke Development) max 350 (depend	((i	Surface Burning (ASTM-E-84): 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): FSR (Flame Spread Rating) 85 (depends on wood species on SDC (Smoke Development Classification) 320 (depends on wood species)
	Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm² (depends on wood species) R value: R 0.44 to 0.48 (depends on wood species)		Critical radiant flux (ASTM-E-648-94a): 0.51 watt/cm² (depends on wood species) R value: R 0.67 to 0.72 (depends on wood species)
	Formaldehyde and VOC emissions (CDPH 1	, , , , , , , , , , , , , , , , , , , ,	,
Installation	Stapled, nailed, glued down or floating installa	tion (above, on or below grade) 7	7-3/4"= not stapled
Subfloor	Wood, concrete or radiant heat system		
Provenance	Made in St-Georges, Qc, Canada.		
Use	Residential or light commercial		
Accessory	Round Stair nosing, Square Stair nosing, Round		
Warranty	Structural lifetime limited warranty 35-year finish warranty for residential applications.		warranty for light commercial applications
Packaging	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Content of a box Size of a box Weight of a box Content of a pallet Size of a pallet	34.10 ft² (3.168 m²) 83" L x 10-1/2" W x 3-1/4" H 65 to 70 lbs 32 boxes = 1,091.2 ft² (4 boxes/W x 8 boxes/H) 83" L x 42" W x 30" H	22.15 ft² (2.058 m²) 83" L x 7" W x 3-1/4" H 42 to 45 lbs 48 boxes = 1,063.20 ft² (6 boxes/W x 8 boxes/H) 83" L x 42" W x 30" H	17.60 ft² (1.635 m²) 83" L x 8-3/8" W x 3-1/4" H 50 to 53 lbs 50 boxes = 880 ft² (5 boxes/W x 10 boxes/H) 83" L x 42" W x 36" H
Relative species hardness NWFA Janka Test Hardness test (ASTM-D-143) Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds	• Maple 1,450 lbs - 12% harder		

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Characteristics	Mirage Engineered		
	Sweet Memories Collection		
Description	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 19/32" (15 mm))
Length	• Each box of Mirage Engineered 5", 6-1/2"	and 7-3/4" widths contains fixed board leng	yths up to 82" (2,086 mm)
Width	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Species	2 species: Red Oak Character, White Oak C	Character, R&Q	1 species: Red Oak Character
Grade			ariation. They feature open and closed knots, mineral marks may become prominent over time due to changes in
Color choice (refer to 2017 Mirage Collections)	5 colors: Carousel, Château, Treasure, Hops	scotch, Tree House	
Finish	 Nanolinx HD™: Finishing system made of Cashmere®* (18% gloss) 	aluminum oxide and nanosilica particle comp	posites suspended in UV cured polyurethane.
	UV Protection: All products	Formaldehyde	e: 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): FSI (Flame Spread Index) 100 to 150 Classe C (depends on wood species) SD (Smoke Development) less than 400 (d wood species) Surface Burning (ULC-S-102-2): FSV (Flame Spread Value) 80 (depends on SD (Smoke Development) max 350 (depends on SD (Smoke D	lepends on wood species)	Surface Burning (ASTM-E-84): • 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): • FSR (Flame Spread Rating) 85 (depends on wood species) • SDC (Smoke Development Classification) 320 (depends on wood species)
	0.41 watt/cm² (depends on wood species)		Critical radiant flux (ASTM-E-648-94a): 0.51 watt/cm² (depends on wood species) R value: R 0.67 to 0.72 (depends on wood species)
Installation	Stapled, nailed, glued down or floating instal	, , , , , , , , , , , , , , , , , , , ,	7-3/4"= not stapled
Subfloor	Wood, concrete or radiant heat system	ilation (above, on or bolow grado)	1 of 1 = not stapled
Provenance	Made in St-Georges, Qc, Canada.		
Use	Residential or light commercial		
Accessory	Round Stair nosing, Square Stair nosing, Ro	ound Reducer, Threshold, "T" molding, Quarte	er round
Warranty	Structural lifetime limited warranty 35-year finish warranty for residential appli		warranty for light commercial applications
Packaging	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Content of a box Size of a box Weight of a box Content of a pallet Size of a pallet	• 34.10 ft ² (3.168 m ²) • 83" L x 10-1/2" W x 3-1/4" H • 65 to 70 lbs • 32 boxes = 1,091.2 ft ² (4 boxes/W x 8 boxes/H) • 83" L x 42" W x 30" H	• 22.15 ft² (2.058 m²) • 83" L x 7" W x 3-1/4" H • 42 to 45 lbs • 48 boxes = 1,063.20 ft² (6 boxes/W x 8 boxes/H) • 83" L x 42" W x 30" H	17.60 ft² (1.635 m²) 83" L x 8-3/8" W x 3-1/4" H 50 to 53 lbs 50 boxes = 880 ft² (5 boxes/W x 10 boxes/H) 83" L x 42" W x 36" H
Relative species hardness			
NWFA Janka Test Hardness test (ASTM-D-143)	Red Oak1,290 lbs - average hardWhite Oak, R&Q1,360 lbs - 5% harder	dess	
Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds			

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Characteristics	Mirage Engineered		
	Imagine Collection A		
Description	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 19/32" (15 mm))		
Length	• Each box of Mirage Engineered 5", 6-1/2"	and 7-3/4" widths contains fixed boa	rd lengths up to 82" (2,086 mm)
Width	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Species	3 species: Maple Character, Red Oak Chara	cter, Hickory Character	2 species: Maple Character, Red Oak Character
Grade	streaks, cracks, surface holes, and other of in the environment.	character or milling marks. Some distinguished	color variation. They feature open and closed knots, mineral active marks may become prominent over time due to changes
Color choice (refer to 2017 Mirage Collections)	7 colors: Papyrus, Driftwood, Rock Cliff, Sar Some products may not be available. Ask yo		e product chart.
Finish	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) 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		
Applicable standards	Static Friction Coefficient (ASTM-D-2047): Slip Surface Burning (ASTM-E-84):	opery resistance of 0.5 to 0.55	Surface Burning (ASTM-E-84):
	FSI (Flame Spread Index) 100 to 150 Classe C (depends on wood species) SD (Smoke Development) less than 400 (d Surface Burning (ULC-S-102-2): FSV (Flame Spread Value) 80 (depends on SD (Smoke Development) max 350 (depended) Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm² (depends on wood species)	wood species)	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): FSR (Flame Spread Rating) 85 (depends on wood species) SDC (Smoke Development Classification) 320 (depends on wood species) Critical radiant flux (ASTM-E-648-94a): 0.51 watt/cm² (depends on wood species)
	R value: R 0.44 to 0.48 (depends on wood species)		R value: R 0.67 to 0.72 (depends on wood species)
	Formaldehyde and VOC emissions (CDPH	. ,	·
Installation	Stapled, nailed, glued down or floating instal		7-3/4"= not stapled
Subfloor	Wood, concrete or radiant heat system (with	the exception of Hickory)	
Provenance	Made in St-Georges, Qc, Canada.		
Use	Residential, light commercial or commercial		
Accessory	Textured square stair nosing, Round Reduce	· · · · · · · · · · · · · · · · · · ·	
Warranty	Structural lifetime limited warranty 3-year finish warranty for light commercial applications 5-year finish warranty for commercial applications 5-year finish warranty for commercial applications with Nanolinx™ commercial.		
Packaging	5" (127 mm) 6-1/2" (165 mm) 7-3/4" (197 mm)		
Content of a box Size of a box Weight of a box Content of a pallet Size of a pallet	• 34.10 ft² (3.168 m²) • 83" L x 10-1/2" W x 3-1/4" H • 65 to 70 lbs • 32 boxes = 1,091.2 ft² • (4 boxes/W x 8 boxes/H) • 83" L x 42" W x 30" H • 22.15 ft² (2.058 m²) • 83" L x 7" W x 3-1/4" H • 42 to 45 lbs • 42 to 45 lbs • 50 to 53 lbs • 50 boxes = 880 ft² (5 boxes/W x 10 boxes/H) • 83" L x 42" W x 30" H • 83" L x 42" W x 30" H		
Relative species hardness NWFA Janka Test Hardness test (ASTM-D-143) Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds	• Red Oak 1,290 lbs - average hardess • Maple 1,450 lbs - 12% harder • Hickory 1,820 lbs - 41% harder	\$	

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Characteristics	Mirage Engineered		
	Herringbone Collection		
Description	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 15/64" (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, Walnut Character		
Grade		er range) ced color variation. They feature mineral streaks, open and closed knots, . Some distinctive marks may become prominent over time due to changes	
Color choice (refer to 2017 Mirage Collections)	Golden, Nevada, Auburn, Coffee, Canyon	coal, Graphite, Java, Vienna, Umbria, Havana, Rich Oak, Savanna, Sierra,	
Finish	Nanolinx HD™: Finishing system made of aluminum oxide and nano Nanolinx™ Commercial: Ultraresistant finishing system made of alur UV cured polyurethane. Semi-gloss (50% gloss) or Cashmere®* (18% gloss)	minum oxide and nanosilica particle composites suspended in	
	UV Protection: All products	Formaldehyde: Free	
	Water and solvent: No trace		
	Static Friction Coefficient (ASTM-D-2047): Slippery resistance of 0.5		
Applicable standards	Surface Burning (ASTM-E-84): 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): FSV (Flame Spread Value) 100 to 150 (depends on wood species) SD (Smoke Development) 200 to 300 (depends on wood species)	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): • FSV (Flame Spread Value) 80 (depends on wood species) • SD (Smoke Development) max 350 (depends on wood species)	
	Critical radiant flux (ASTM-E-648-94a): 0.25 to 0.40 watt/cm² (depends on wood species) R value: R 0.3 to 0.4 (depends on wood species)	Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm² (depends on wood species) R value: R 0.44 to 0.48 (depends on wood species)	
	Formaldehyde and VOC emissions (CDPH 1.1, 2010): Target product group (Engineered) conform		
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.		
Use	Residential, light commercial or commercial (Nanolinx™ Commercial)		
Accessory	Round Stair nosing, Square Stair nosing, Round Reducer, Threshold, "	T" molding, Quarter round	
Warranty	Structural lifetime limited warranty 35-year finish warranty for residential applications	3-year finish warranty for light commercial applications	
Patterns	Length: 17-7/8" (455 mm)	Length: 20" (508 mm)	
	Herringbone Basket Double Herringbone Cube English pattern (bricks)	Herringbone Basket Double Herringbone Cube English pattern (bricks)	
Packaging	Length: 17-7/8" (455 mm) Length: 20" (508 mm)		
Content of a box Size of a box Weight of a box Content of a pallet Size of a pallet	15.28 ft² (1.420 m²) 37" L x 8-1/4" W x 3-1/4" H 22 to 27 lbs 40 boxes = 611.2 ft² (5 boxes/W x 8 boxes/H) 42" L x 37" W x 30" H	25 ft² (2.322 m²) 61" L x 10-1/2" W x 3-1/4" H 46 to 51 lbs 40 boxes = 1000 ft² (5 boxes/W x 8 boxes/H) 61" L x 42" W x 37" H	
Relative species hardness	• Molayt 1.010 lbg 22% coffee		
NWFA Janka Test Hardness test (ASTM-D-143) Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds	 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 		





Characteristics	Mirage Engineered		
	Flair Collection - Character 🛕		
Description	Engineered prefinished hardwood flooring with tongues and grooves Micro-V bevel (on 4 sides) An ultra-matte finish on a 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 19/32" (15 mm))
Length	Each box of Mirage Engineered 5", 6-1/2"	' and 7-3/4" widths contains fixed board le	ngths up to 82" (2,086 mm)
Width	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Species	3 species: White Oak Character, plain sawr		
Grade			ney feature open and closed knots, mineral streaks, s may become prominent over time due to changes in the
Color choice (refer to 2017 Mirage Collections)	6 colors: White Mist, Snowdrift, Sand Dune Some products may not be available. Ask y		oduct chart.
Finish	DuraMatt™: Finishing system made of alun	ninum oxide and nanosilica particle compos	sites suspended in UV cured polyurethane.
	UV Protection: All products	Formaldehy	de: Free
	Water and solvent: No trace		
	Static Friction Coefficient (ASTM-D-2047): SI	ippery 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): FSV (Flame Spread Value) 80 (depends on wood species) SD (Smoke Development) max 350 (depends on wood species)		Surface Burning (ASTM-E-84): 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): FSR (Flame Spread Rating) 85 (depends on wood species) SDC (Smoke Development Classification) 320 (depends on wood species) Critical radiant flux (ASTM-E-648-94a):
	0.41 watt/cm² (depends on wood species)		0.51 watt/cm² (depends on wood species) R value: R 0.67 to 0.72 (depends on wood species)
Installation	Stapled, nailed, glued down or floating insta		7-3/4"= not stapled
Subfloor	Wood, concrete or radiant heat system	mation (above, on or below grade)	7 0/4 - Not stapica
Provenance	Made in St-Georges, Qc, Canada.		
Use	Residential or light commercial		
Accessory	Square Stair nosing, Round Reducer, Thres	hold "T" molding Quarter round	
Warranty	Structural lifetime limited warranty	•	sh warranty for light commercial applications
vvarianty	35-year finish warranty for residential applications		sir warranty for light commercial applications
Packaging	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Content of a box Size of a box Weight of a box Content of a pallet Size of a pallet	34.10 ft² (3.168 m²) 83" L x 10-1/2" W x 3-1/4" H 65 to 70 lbs 32 boxes = 1,091.2 ft² (4 boxes/W x 8 boxes/H) 83" L x 42" W x 30" H	• 22.15 ft² (2.058 m²) • 83" L x 7" W x 3-1/4" H • 42 to 45 lbs • 48 boxes = 1,063.20 ft² (6 boxes/W x 8 boxes/H) • 83" L x 42" W x 30" H	 17.60 ft² (1.635 m²) 83" L x 8-3/8" W x 3-1/4" H 50 to 53 lbs 50 boxes = 880 ft² (5 boxes/W x 10 boxes/H) 83" L x 42" W x 36" H
Relative species hardness			
NWFA Janka Test	Red Oak	rder	

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Characteristics	Mirage Engineered	
	Flair Collection - Heavy Character	
Description	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))	
Length	Each box of Mirage Engineered 5"and 6-1/2" widths contains fixed board lengths up to 82" (2,086 mm)	
Width	5" (127 mm)	6-1/2" (165 mm)
Species	2 species: White Oak Heavy Character, plain sawn and Maple Heavy Character	
Grade	Heavy Character: "Heavy Character" grade floors have a high number of 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 2017 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 Applicable standards	DuraMatt™: Finishing system made of aluminum oxide and nar	nosilica 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	
	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): • FSV (Flame Spread Value) 80 (depends on wood species) • SD (Smoke Development) max 350 (depends on wood species)
	Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm² (depends on wood species)	R value: R 0.44 to 0.48 (depends on wood species)
	Formaldehyde and VOC emissions (CDPH 1.1, 2010): Target product group (Engineered) conform	
Installation	Stapled, nailed, glued down or floating installation (above, on or below grade)	
Subfloor	Wood, concrete or radiant heat system	
Provenance	Made in St-Georges, Qc, Canada.	
Use	Residential or light commercial	
Accessory	Square Stair nosing, Round Reducer, Threshold, "T" molding, Quarter round	
Warranty	Structural lifetime limited warranty 35-year finish warranty for residential applications	3-year finish warranty for light commercial applications
Packaging	5" (127 mm)	6-1/2" (165 mm)
Content of a box Size of a box Weight of a box Content of a pallet	34.10 ft² (3.168 m²) 83" L x 10-1/2" W x 3-1/4" H 65 to 70 lbs 32 boxes = 1,091.2 ft² (4 boxes/W x 8 boxes/H)	 22.15 ft² (2.058 m²) 83" L x 7" W x 3-1/4" H 42 to 45 lbs 48 boxes = 1,063.20 ft² (6 boxes/W x 8 boxes/H)
Size of a pallet	• 83" L x 42" W x 30" H	• 83" L x 42" W x 30" 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		