



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 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	<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 2017 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):	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"> 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):	R value: R 0.3 to 0.4 (depends on wood species)
	0.25 to 0.40 watt/cm ² (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, 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)	± 13-3/4 inches (350 mm)
	± 17-7/8 inches (455 mm)	± 16-1/2 inches (420 mm)
	± 23-1/2 inches (595 mm)	± 22-5/8 inches (576 mm)
	± 29 inches (736 mm)	± 28-7/8 inches (732 mm)
	± 33-1/8 inches (841 mm)	± 31-5/8 inches (802 mm)
	± 46-7/8 inches (1,191 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 Hardness test (ASTM-D-143)	• 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
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))	
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	7 species: Maple, Red Oak, White Oak, R&Q, White Oak Character, R&Q, Hickory, Hickory Character, Walnut Character	6 species: Maple, Red Oak, White Oak, R&Q, White Oak Character, R&Q, Hickory, Hickory Character
Grade	<ul style="list-style-type: none"> Exclusive (As found in nature. A complete species color and character range) ⚠ Character-looking floors: These floors are appreciated for their pronounced color variation. They feature 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)	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	<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 and VOC emissions (CDPH 1.1, 2010) : Target product group (Engineered) conform</p>	
	Surface Burning (ULC-S-102-2):	<ul style="list-style-type: none"> FSV (Flame Spread Value) 80 (depends on wood species) SD (Smoke Development) max 350 (depends on wood species)
	R value: R 0.44 to 0.48 (depends on wood species)	
Installation	Stapled, nailed, glued down or floating installation (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	<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
Packaging	5" (127 mm)	6-1/2" (165 mm)
Content of a box	• 34.10 ft ² (3.168 m ²)	• 22.15 ft ² (2.058 m ²)
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	• 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)
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	• Walnut	1,010 lbs - 22% softer
Hardness test (ASTM-D-143)	• Red Oak	1,290 lbs - average hardness
Red Oak 1290 lbs* - 100%	• White Oak, R&Q	1,360 lbs - 5% harder
*lbs = Applied force in pounds	• Maple	1,450 lbs - 12% harder
	• Hickory	1,820 lbs - 41% harder

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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))									
Length	• Each box of Mirage Engineered 5" width contains fixed board 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 and character range)									
Color choice (refer to 2017 Mirage Collections)	3 colors: Natural, Brass, 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	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> 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) </td> <td style="width: 50%;"> Surface Burning (ULC-S-102-2): • FSV (Flame Spread Value) 80 (depends on wood species) • SD (Smoke Development) max 350 (depends on wood species) </td> </tr> <tr> <td> Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm² (depends on wood species) </td> <td> R value: R 0.44 to 0.48 (depends on wood species) </td> </tr> <tr> <td colspan="2"> Formaldehyde and VOC emissions (CDPH 1.1, 2010) : Target product group (Engineered) conform </td> </tr> </table>	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/cm ² (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				
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/cm ² (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 (with the exception of Brazilian 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 round									
Warranty	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> <ul style="list-style-type: none"> Structural lifetime limited warranty 35-year finish warranty for residential applications </td> <td style="width: 50%;"> <ul style="list-style-type: none"> 3-year finish warranty for light commercial applications 5-year finish warranty for commercial applications with Nanolinx™ Commercial </td> </tr> </table>	<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 							
<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 									
Packaging	5" (127 mm)									
Content of a box	• 34.10 ft ² (3.168 m ²)									
Size of a box	• 83" L x 10-1/2" W x 3-1/4" H									
Weight of a box	• 65 to 70 lbs									
Content of a pallet	• 32 boxes = 1,091.2 ft ² (4 boxes/W x 8 boxes/H)									
Size of a pallet	• 83" L x 42" W x 30" H									
Relative species hardness										
NWFA Janka Test	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">• Sapele</td> <td style="width: 33%;">1,300 lbs - 16% harder</td> <td style="width: 33%;"></td> </tr> <tr> <td>• African Mahogany</td> <td>1,300 lbs - 16% harder</td> <td></td> </tr> <tr> <td>• Brazilian Cherry</td> <td>2,350 lbs - 82% harder</td> <td></td> </tr> </table>	• Sapele	1,300 lbs - 16% harder		• African Mahogany	1,300 lbs - 16% harder		• Brazilian Cherry	2,350 lbs - 82% harder	
• Sapele	1,300 lbs - 16% harder									
• African Mahogany	1,300 lbs - 16% harder									
• Brazilian Cherry	2,350 lbs - 82% harder									
Hardness test (ASTM-D-143)										
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 15/64" (6 mm))	
Width	2-9/16" (65 mm)	3-5/16" (84 mm)
Species	3 species: Maple, Yellow Birch, Red Oak	
Grade	• Exclusive (As found in nature. A complete species color and character range)	
Color choice (refer to 2017 Mirage Collections)	19 colors: Nordic, Cape Cod, Rio, Greystone, Platinum, Charcoal, Graphite, Java, Coffee, Vienna, Umbria, Havana, Rich Oak, Savanna, Sierra, Golden, Nevada, Auburn, Canyon 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"> 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):	R value: R 0.3 to 0.4 (depends on wood species)
	0.25 to 0.40 watt/cm ² (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, 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) ± 16-1/2 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	• 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))	
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	5 species: Maple, Red Oak, Walnut Character, Hickory, Hickory Character	4 species: Maple, Red Oak, Hickory, Hickory Character
Grade	<ul style="list-style-type: none"> Exclusive (As found in nature. A complete species color and character range) Character-looking floors: These floors are appreciated for their pronounced color variation. They feature 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)	19 colors: Nordic, Cape Cod, Rio, Greystone, Platinum, Charcoal, Graphite, Java, Coffee, Vienna, Umbria, Havana, Rich Oak, Savanna, 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	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/cm ² (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 (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	<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
Packaging	5" (127 mm)	6-1/2" (165 mm)
Content of a box	• 34.10 ft ² (3.168 m ²)	• 22.15 ft ² (2.058 m ²)
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	• 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)
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	• Walnut	1,010 lbs - 22% softer
Hardness test (ASTM-D-143)	• Red Oak	1,290 lbs - average hardness
Red Oak 1290 lbs* - 100%	• Maple	1,450 lbs - 12% harder
*lbs = Applied force in pounds	• Hickory	1,820 lbs - 41% harder



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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))	
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: Red Oak, White Oak, R&Q	
Grade	• Exclusive (As found in nature. A complete species color and character range)	
Color choice (refer to 2017 Mirage Collections)	2 colors: Isla, Sepia	
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	
Applicable standards	Static Friction Coefficient (ASTM-D-2047): Slippery resistance of 0.5 to 0.55	
	Surface Burning (ASTM-E-84):	Surface Burning (ULC-S-102-2):
	• FSI (Flame Spread Index) 100 to 150 Classe C (depends on wood species)	• FSV (Flame Spread Value) 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 0.48 (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	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
Packaging	5" (127 mm)	6-1/2" (165 mm)
Content of a box	• 34.10 ft ² (3.168 m ²)	• 22.15 ft ² (2.058 m ²)
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	• 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)
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	• 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 		
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 19/32" (15 mm))
Length	• Each box of Mirage Engineered 5", 6-1/2" and 7-3/4" widths contains fixed board lengths 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	<ul style="list-style-type: none">  Character-looking floors: These floors are appreciated for their pronounced color variation. They feature 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)	6 colors: Gelato, Peppermint, Nougat, Praline, Gingerbread, Black Jelly Bean		
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 (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"> FSV (Flame Spread Value) 80 (depends on wood species) SD (Smoke Development) max 350 (depends on wood species) 		Surface Burning (ULC-S-102-2): <ul style="list-style-type: none"> 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/cm ² (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/cm ² (depends on wood species) R value: R 0.67 to 0.72 (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)		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 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
Packaging	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Content of a box	• 34.10 ft ² (3.168 m ²)	• 22.15 ft ² (2.058 m ²)	• 17.60 ft ² (1.635 m ²)
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	• 83" L x 8-3/8" W x 3-1/4" H
Weight of a box	• 65 to 70 lbs	• 42 to 45 lbs	• 50 to 53 lbs
Content of a pallet	• 32 boxes = 1,091.2 ft ²	• 48 boxes = 1,063.20 ft ²	• 50 boxes = 880 ft ² (5 boxes/W x 10 boxes/H)
Size of a pallet	(4 boxes/W x 8 boxes/H) • 83" L x 42" W x 30" H	(6 boxes/W x 8 boxes/H) • 83" L x 42" W x 30" H	• 83" L x 42" W x 36" 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		
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 19/32" (15 mm))
Length	• Each box of Mirage Engineered 5", 6-1/2" and 7-3/4" widths contains fixed board lengths 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 Character, R&Q		1 species: Red Oak Character
Grade	<ul style="list-style-type: none"> Character-looking floors: These floors are appreciated for their pronounced color variation. They feature 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: 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 (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"> FSV (Flame Spread Value) 80 (depends on wood species) SD (Smoke Development) max 350 (depends on wood species) 		Surface Burning (ULC-S-102-2): <ul style="list-style-type: none"> 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/cm ² (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/cm ² (depends on wood species) R value: R 0.67 to 0.72 (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	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
Packaging	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Content of a box	• 34.10 ft ² (3.168 m ²)	• 22.15 ft ² (2.058 m ²)	• 17.60 ft ² (1.635 m ²)
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	• 83" L x 8-3/8" W x 3-1/4" H
Weight of a box	• 65 to 70 lbs	• 42 to 45 lbs	• 50 to 53 lbs
Content of a pallet	• 32 boxes = 1,091.2 ft ²	• 48 boxes = 1,063.20 ft ²	• 50 boxes = 880 ft ² (5 boxes/W x 10 boxes/H)
Size of a pallet	(4 boxes/W x 8 boxes/H) • 83" L x 42" W x 30" H	(6 boxes/W x 8 boxes/H) • 83" L x 42" W x 30" H	• 83" L x 42" W x 36" 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 19/32" (15 mm))
Length	• Each box of Mirage Engineered 5", 6-1/2" and 7-3/4" widths contains fixed board 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 Character, Hickory Character		2 species: Maple Character, Red Oak Character
Grade	<ul style="list-style-type: none"> Character-looking floors: These floors are appreciated for their pronounced color variation. They feature 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)	7 colors: Papyrus, Driftwood, Rock Cliff, Sandstone, Seashell, Barn Wood, 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) 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): <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 (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"> FSV (Flame Spread Value) 80 (depends on wood species) SD (Smoke Development) max 350 (depends on wood species) 		Surface Burning (ULC-S-102-2): <ul style="list-style-type: none"> 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/cm ² (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/cm ² (depends on wood species) R value: R 0.67 to 0.72 (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)		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 (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 		<ul style="list-style-type: none"> 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)	7-3/4" (197 mm)
Content of a box	• 34.10 ft ² (3.168 m ²)	• 22.15 ft ² (2.058 m ²)	• 17.60 ft ² (1.635 m ²)
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	• 83" L x 8-3/8" W x 3-1/4" H
Weight of a box	• 65 to 70 lbs	• 42 to 45 lbs	• 50 to 53 lbs
Content of a pallet	• 32 boxes = 1,091.2 ft ²	• 48 boxes = 1,063.20 ft ²	• 50 boxes = 880 ft ² (5 boxes/W x 10 boxes/H)
Size of a pallet	(4 boxes/W x 8 boxes/H) • 83" L x 42" W x 30" H	(6 boxes/W x 8 boxes/H) • 83" L x 42" W x 30" H	• 83" L x 42" W x 36" 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 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	<ul style="list-style-type: none"> Exclusive (As found in nature. A complete species color and character range) ▲ Walnut Character (These floors are appreciated for their pronounced color variation. They feature mineral streaks, open and closed knots, surface holes, pith, hairline surface cracks, and natural imperfections. Some distinctive marks may become prominent over time due to changes in the environment.) 	
Color choice (refer to 2017 Mirage Collections)	20 colors: Natural, Nordic, Cape Cod, Rio, Greystone, Platinum, Charcoal, Graphite, Java, Vienna, Umbria, Havana, Rich Oak, Savanna, Sierra, Golden, Nevada, Auburn, Coffee, Canyon	
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"> 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): <ul style="list-style-type: none"> 0.25 to 0.40 watt/cm² (depends on wood species) R value: R 0.3 to 0.4 (depends on wood species) 	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"> 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): <ul style="list-style-type: none"> 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	<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) <ul style="list-style-type: none"> Herringbone Basket Double Herringbone Cube English pattern (bricks) 	Length: 20" (508 mm) <ul style="list-style-type: none"> Herringbone Basket Double Herringbone Cube English pattern (bricks)
Packaging	Length: 17-7/8" (455 mm) <ul style="list-style-type: none"> 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 	Length: 20" (508 mm) <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 	
NWFA Janka Test Hardness test (ASTM-D-143)	<ul style="list-style-type: none"> 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 	
Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds		

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Characteristics	Mirage Engineered		
	Flair Collection - 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 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 lengths 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 sawn, Red Oak Character, Maple Character		
Grade	<ul style="list-style-type: none">  Character : These floors are appreciated for their pronounced color variation. They feature 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)	6 colors: White Mist, Snowdrift, Sand Dune, Grey Drizzle, Dark Leaf, Nightfall 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): <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 (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"> FSV (Flame Spread Value) 80 (depends on wood species) SD (Smoke Development) max 350 (depends on wood species) 		Surface Burning (ULC-S-102-2): <ul style="list-style-type: none"> 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/cm ² (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/cm ² (depends on wood species) R value: R 0.67 to 0.72 (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)		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	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
Packaging	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)
Content of a box	• 34.10 ft ² (3.168 m ²)	• 22.15 ft ² (2.058 m ²)	• 17.60 ft ² (1.635 m ²)
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	• 83" L x 8-3/8" W x 3-1/4" H
Weight of a box	• 65 to 70 lbs	• 42 to 45 lbs	• 50 to 53 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)	• 50 boxes = 880 ft ² (5 boxes/W x 10 boxes/H)
Size of a pallet	• 83" L x 42" W x 30" H	• 83" L x 42" W x 30" H	• 83" L x 42" W x 36" H
Relative species hardness			
NWFA Janka Test	• Red Oak	1,290 lbs - average hardness	
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			

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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))		
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	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): <ul style="list-style-type: none"> FSI (Flame Spread Index) 100 to 150 <ul style="list-style-type: none"> 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"> 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/cm ² (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	<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 	
Packaging	5" (127 mm)	6-1/2" (165 mm)	
Content of a box	• 34.10 ft ² (3.168 m ²)	• 22.15 ft ² (2.058 m ²)	
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	• 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)	
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	• 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			