



Characteristics	Mirage Engineered					
Description	<ul style="list-style-type: none"> <li>For Admiration, Natural, Exotic, Flair, Sweet Memories and Imagine Collections</li> <li>Engineered prefinished hardwood flooring with tongues and grooves</li> <li>Micro-V bevel (on 4 sides)</li> </ul>					
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))		3/4" (19 mm) (10 mm) (Sawn hardwood layer 5/32" (4 mm), 11-ply plywood base 19/32" (15 mm))	
Width	2-9/16" (65 mm)	3-5/16" (84 mm)	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)	
Length	Lengths from 14" (355 mm) to 46" (1,168 mm)			Lengths from 20" (508 mm) to 82" (2,083 mm)		Lengths from 23" (584 mm) to 82" (2,083 mm)
Installation	Nailed, stapled or glued (above, on or below grade)			Nailed, stapled, glued or floated** (above, on or below grade).		Nailed, glued or floated** (above, on or below grade)
Subfloor	Wood, concrete or radiant heat system					
Species	9 species: Maple, Red Oak, White Oak, Yellow Birch, Hickory Character, Walnut Character, Brazilian Cherry, African Mahogany and Sapele.					
Grade	<ul style="list-style-type: none"> <li><b>Select &amp; Better:</b> Selection of more uniform wood grain with slight variations in natural shading</li> <li><b>Exclusive:</b> Wood planks with some pronounced and nuanced coloration. The Exclusive grade offers a range of color variation.</li> <li><b>Character floors:</b> 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.</li> </ul>					
Color choice (refer to 2019 Mirage Collections)	51 colors: Nordic, Greystone, Charcoal, Graphite, Isla, Cape Cod, Rio, Savanna, Rich Oak, Havana, Java, Coffee, Sierra, Golden, Nevada, Auburn, Canyon, Umbria, Vienna, Platinum, Natural, Brass, Onyx, White Mist, Snowdrift, Sand Dune, Grey Drizzle, Lunar Eclipse, Nightfall, Bubble Bath, Hula Hoop, Carousel, Sand Castle, Château, Roller Coaster, Gelato, Treasure, Peppermint, Hopscotch, Nougat, Tree House, Praline, Gingerbread, Black Jelly Bean, Driftwood, Rock Cliff, Barn Wood, Papyrus, Seashell, Sandstone, Fossil. Some products may not be available. Ask your Mirage representative or consult the product chart.					
Finish	<ul style="list-style-type: none"> <li><b>DuraMatt™:</b> Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.</li> <li><b>Nanolinx™ HD:</b> Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.                             <ul style="list-style-type: none"> <li>Semi-gloss (50% gloss) or Cashmere** (18% gloss)</li> </ul> </li> <li><b>Nanolinx™ Commercial:</b> Ultraresistant finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.</li> </ul> UV Protection: All products Static Friction Coefficient (ASTM-D-2047): Slippery resistance of 0.5 to 0.55					
Applicable standards	<b>Surface Burning (ASTM-E-84):</b> <ul style="list-style-type: none"> <li>FSI (Flame Spread Index) 100 to 150 Classe C (depends on wood species)</li> <li>SD (Smoke Development) 75 to 400 (depends on wood species)</li> </ul>			<b>Surface Burning (ULC-S-102-2):</b> <ul style="list-style-type: none"> <li>FSV (Flame Spread Value) 100 to 150 (depends on wood species)</li> <li>SD (Smoke Development) 200 to 300 (depends on wood species)</li> </ul>		
	<b>Critical radiant flux (ASTM-E-648-94a):</b> 0.25 to 0.40 watt/cm <sup>2</sup> (depends on wood species)			<b>R value:</b> R 0.3 to 0.4 (depends on wood species)		
	<b>Formaldehyde and VOC emissions (CDPH 1.1, 2010) :</b> Target product group (Engineered) conform					
Provenance	Made in St-Georges, Qc, Canada.					
Use	Residential, light commercial or commercial (Nanolinx™ Commercial)					
Accessory	Round Stair nosing, Square Stair nosing, Round Reducer, Multifunction Reducer, Threshold, "T" molding, Quarter round					
Warranty	<ul style="list-style-type: none"> <li>Structural <b>lifetime</b> limited warranty</li> <li>For the glued down and nailed/stapled installation relative humidity must be maintained within a range of 25% and 70% and for the floated installation relative humidity must be maintained between 30% and 60%.</li> <li><b>35-year</b> finish warranty for residential applications</li> <li><b>3-year</b> finish warranty for light commercial applications</li> <li><b>5-year</b> finish warranty for commercial applications with Nanolinx™ Commercial</li> </ul>					
Packaging	2-9/16" (65 mm)	3-5/16" (84 mm)	5" (127 mm)	6-1/2" (165 mm)	7-3/4" (197 mm)	
Content of a box	20 ft <sup>2</sup> (1 858 m <sup>2</sup> )	25 ft <sup>2</sup> (2 322 m <sup>2</sup> )	34.10 ft <sup>2</sup> (3 168 m <sup>2</sup> )	22.15 ft <sup>2</sup> (2 058 m <sup>2</sup> )	17.60 ft <sup>2</sup> (1 635 m <sup>2</sup> )	
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	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	27 to 34 lbs	34 to 41 lbs	65 to 70 lbs	42 to 45 lbs	50 to 53 lbs	
Content of a pallet	50 boxes = 1 000 ft <sup>2</sup> (5 boxes/W x 10 boxes/H)	40 boxes = 1 000 ft <sup>2</sup> (4 boxes/W x 10 boxes/H)	32 boxes = 1 091.2 ft <sup>2</sup> (4 boxes/W x 8 boxes/H)	48 boxes = 1 063.2 ft <sup>2</sup> (6 boxes/W x 8 boxes/H)	50 boxes = 880 ft <sup>2</sup> (5 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	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	Walnut	1,010 lbs - 22% softer				
Hardness test (ASTM-D-143)	Yellow Birch	1,260 lbs - 2% softer				
	Red Oak	1,290 lbs - average hardness				
Red Oak 1290 lbs* - 100%	Sapele	1,300 lbs - 1% harder				
*lbs = Applied force in pounds	African Mahogany	1,300 lbs - 1% harder				
	White Oak	1,360 lbs - 5% harder				
	Maple	1,450 lbs - 12% harder				
	Hickory	1,820 lbs - 41% harder				
	Brazilian Cherry	2,350 lbs - 82% harder				

\* Cashmere is a registered trademark used under license.

\*\* For floated installation please review technical newsletter #25 available on Mirage website in the Guide and support section (except for 6-1/2" for Maple and Hickory species).