



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" (Sawn hardwood layer 5/32", 5-ply plywood base 15/64")		1/2" (Sawn hardwood layer 5/32", 7-ply plywood base 11/32")		3/4" (Sawn hardwood layer 5/32", 11-ply plywood base 19/32")	
Width	2-9/16"	3-5/16"	5"	6-1/2"	7-3/4"	
Length	Lengths from 14" to 46"		Lengths from 20" to 82"		Lengths from 23" to 82"	
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, Walnut, 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, Hopscootch, 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> <p><b>UV Protection:</b> All products</p> <p><b>Static Friction Coefficient (ASTM-D-2047):</b> Slippery resistance of 0.5 to 0.55</p>					
Applicable standards	<b>Surface Burning (ASTM-E-84):</b> <ul style="list-style-type: none"> <li>FSI (Flame Spread Index) 100 to 150</li> <li>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><b>Structural lifetime limited warranty</b> (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 finish warranty</b> for residential applications</li> <li><b>3-year finish warranty</b> for light commercial applications</li> <li><b>5-year finish warranty</b> for commercial applications with Nanolinx™ Commercial</li> </ul>					
<b>Packaging</b>	<b>2-9/16"</b>	<b>3-5/16"</b>	<b>5"</b>	<b>6-1/2"</b>	<b>7-3/4"</b>	
Content of a box	• 20 ft <sup>2</sup>	• 25 ft <sup>2</sup>	• 34.10 ft <sup>2</sup>	• 22.15 ft <sup>2</sup>	• 17.60 ft <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	
<b>Relative species hardness</b>						
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			
	• Sapele		1,300 lbs - 1% harder			
	• 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			
	Red Oak 1290 lbs* - 100%					
*lbs = Applied force in pounds						

\* 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).