



1/2"  
(11.4mm)



**GENERAL SPECIFICATIONS**

<b>Characteristics</b>		<b>APPALACHIAN Engineered Flooring 1/2" (Prefinished)</b>		
<b>Description</b>	Engineered prefinished hardwood flooring with tongues and grooves Micro-V bevel (on 4 sides)			
<b>Thickness</b>	1/2" (nominal)(11.4 mm) Real hardwood top Lamella +/- 2.7 mm. and plywood +/- 8.7 mm.			
<b>Moisture content</b>	Between 6% and 8%			
<b>Width</b>	4" (102 mm)	5" (127 mm)	7" (178 mm) <i>Note: 7" available only in W.Oak Live Sawn Character</i>	
<b>Lengths</b>	12" to 84" ( 305 mm. to 2133 mm.)	12" to 84" ( 305 mm. to 2133 mm.)	12" to 95" ( 305 mm. to 2413 mm.)	
<b>Type of Installation</b>	Nailed (glue assist), glued and floating except 7"			
<b>Location of installation</b>	Above, on or below grade <i>Relative Humidity: must be between 35% and 65%.</i>			
<b>Subfloor</b>	3/4" (16 mm) plywood or OSB: joists no more than 19" (58.3 cm) C-C 5/8" ( 16 mm) plywood : joists no more than 16" (40.6 cm) C-C Concrete slab			
<b>Species and Janka hardness (lb)</b>	4 species: White Oak (1360), Red Oak (1290), Hard Maple (1450), Hickory (1820)			
<b>Grade</b>	<i>Prestige:</i> Wood planks with a very limited range of coloration and a few small pin knots <i>Excel :</i> Wood planks with some coloration and a few small knots (closed and patched) <i>Live Sawn Character:</i> Planks with pronounced color variation. Mineral streaks, knots ( all patched) and other characteristics. <i>Note: Live Sawn Character only available in 7" Maple and 7" White Oak</i>			
<b>Color choice</b>	Ask your Appalachian representative or consult Appalachian Product Chart			
<b>Finish</b>	EVERSHINE -Ultraviolet UV cured polyurethane finish with nanoparticle of aluminum oxide suspended in the top coat for added protection.			
<b>Sheens</b>	Semi-Gloss: +/- 40 degree Ultra-Mat: +/- 15 degree Mat: +/- 5 degree ( Available only in Alta Moda and Verita collections )			
<b>Applicable standards</b>	<u>Surface burning ( ASTM-E-84). Results vary with wood species.</u> FSI (Flame Spread Index) 100 -150 SD (Smoke development) < 400 Static Friction Coefficient (ASTM-D-2047): Slippery resistance superior to 0.5 <b>R Value:</b> .44 to .48 (depending on wood species) <b>Abrasion Resistant Finish (Taber Test):</b> Evershine finish: > 1000 cycles; 800 cycles for Alta Moda and Green Mountain collection <u>Surface Burning (ULC-S-102-2). Results vary with wood species.</u> FSV (Flame Spread Value) 130 SD (Smoke Development) 200-300			
<b>Manufacturing</b>	Made in North Troy, VT USA and prefinished in Cowansville, Qc. Canada			
<b>Use</b>	Residential , light commercial,			
<b>Warranty</b>	Structural lifetime warranty (for the glued and nailed installation, relative humidity must be maintained within a range of 35% and 65%). 35 years finish warranty for residential application with Evershine 5 year warranty for commercial application with Evershine. <i>Refer to warranty instruction sheet</i>			
<b>Packaging</b>	4" (102 mm)	5" ( 127 mm)	7 " ( 178 mm)	
<b>Content of a box</b>	27 sq. (2.5 s.m.)	33.75 sq (3.13 s.m.)	26 sq	
<b>Size of a box</b>	3" x 8 3/8" x 87"	3" x 10 5/16" x 87	3" x 7 3/8" x 97	
<b>Weight of a box</b>	50 to 55 lbs	62 to 66 lbs	50 to 52 lbs	
<b>Content of a pallet</b>	50 boxes (1350 sq. ft./pallet)	40 boxes (1350 sq. ft./pallet)	50 boxes (1300 sq. ft./pallet)	
<b>Size of a pallet</b>	87" x 42" x 35"	87" x 42" 35"	97" x 42" x 35"	
<b>VOC / FORMALDEHYDE</b>	ASTM-5116-09 Formaldehyde emissions : 0.0222 mg /c.m. or 0.518 mg/ s.m. hr ASTM D6007-02 Appalachian Total VOC composites volatile organics. Appalachian products can be considered VOC-free. They emit less than 0,008 ppm.			