Red Oak - Specification Sheet

Species: Red Oak
Botanical Name: Quercus Rubra
Raw Material Source: Mid to Eastern United States
Product Description: Edge glued plank flooring
Grade: Staybull Flooring™ Select and Better
Knots: Closed pin knots allowed.
Checks/Cracks: Selected for minimal surface checking in up to 5% of pieces allowable.
Grain Pattern: Mostly straight grained
Percentage Sapwood: Selected for minimal sap, up to 10% allowable.
Color: Varies from a light tan to pink with a reddish tinge.
Weight: 3 lb/Sq. Ft. Approx.
Standard Dimensions:

- Thickness: 3/4” (19mm)
- Width: 5” Face (127mm)
- Length: 1’ – 7’ (.304 – 2.13 meters), Average lengths are 3.5’ (1.06 meters) or longer.

Edges: Tongue & Groove with micro bevel.
Ends: End matched tongue & groove – no micro bevel.
Textures Available: Smooth
Installation: Staybull Flooring™ can be installed on and above grade level. It is not recommended that this flooring be installed below grade. Installation procedures may vary, see installation instructions, maybe installed over plywood subfloor or glued to a well aged concrete slab (12 months or older).
Moisture Content: Shipped at 6%–8.5% average. Moisture content may vary some based on the humidity level of the installation site. Therefore, we recommend flooring be acclimated on the job site in the same environment in which it will remain once installed, for a period of 1 to 3 weeks.
Finishes: Pre-finished with 7 coats of Aluminum Oxide.
Stability: Moderate; less movement than hard maple, more movement than mahogany
Waste: We recommend 5% - 10% cut and waste on traditional sub floor installations.
Janka Rating: 1290
Samples: Character marks such as knots, checks/cracks, sap, and natural color and grain patterns will vary with each plank. Your floor will vary somewhat from samples and pictures shown.

Staybull Flooring™ products are processed from solid kiln-dried lumber and rips. These flooring materials should be acclimated and installed in accordance with the National Wood Flooring Association recommendations. As each installation is unique, we urge you to contact us and a professional flooring installer for recommendations concerning jobsite evaluation and installation. Please contact your Staybull Flooring™ representative with any questions and view our website for general tips and guidelines on installation.

<table>
<thead>
<tr>
<th>Letter</th>
<th>Description</th>
<th>Inches</th>
<th>Millimeters</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Grossal Thickness</td>
<td>.75</td>
<td>19.05mm</td>
</tr>
<tr>
<td>B</td>
<td>Tongue Thickness</td>
<td>.25</td>
<td>6.40mm</td>
</tr>
<tr>
<td>C</td>
<td>Tongue to back of board</td>
<td>.18</td>
<td>4.55mm</td>
</tr>
<tr>
<td>D</td>
<td>Groove Thickness</td>
<td>.259</td>
<td>6.60mm</td>
</tr>
<tr>
<td>E</td>
<td>Groove to back of board</td>
<td>.181</td>
<td>4.57mm</td>
</tr>
<tr>
<td>F</td>
<td>Length of tongue</td>
<td>.22</td>
<td>5.60mm</td>
</tr>
<tr>
<td>G</td>
<td>Depth of groove</td>
<td>.235</td>
<td>6.00mm</td>
</tr>
<tr>
<td>H</td>
<td>Width of flooring face</td>
<td>.5</td>
<td>12.72mm</td>
</tr>
<tr>
<td>I</td>
<td>Width of Lumber strips before milling</td>
<td>.75 - 2.5</td>
<td>19mm - 63.5mm</td>
</tr>
<tr>
<td>J</td>
<td>Micro-bevel (Before sanding and finishing)</td>
<td>.56</td>
<td>1.40mm</td>
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</tbody>
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