Specify the Perfect Wood Species + Stain

To make the selection process easier we’ve put together this guide that shows our standard wood veneers, solids, and finishes. Don’t see exactly what you’re looking for? We are happy to source any commercially available wood veneer or solid; and our finishing department can custom mix or match any stain color your project requires. (See inside back cover for more information.)

FSC Certified

Many species are available in FSC certified wood. Additional lead time is required to accumulate solid wood in the upper grades and is always subject to prior sale to other industries. Generally, veneer species are more readily available in FSC certified flitches. Many projects require that only the veneer face be FSC certified, but if required, FSC certified cores are also available with an increased price.

LEED Rating

With our complete in-house manufacturing capability our firm is able to provide LEED compliant materials, designs and processes that will assist you in obtaining required LEED points. ACGI will also supply appropriate LEED qualification documentation and certification after the product is delivered and installed.
UNDERSTANDING VENEER CUTS

There are several different methods to cut a log and each method yields a different grain pattern and has its own set of advantages and disadvantages to consider.

Plain Sliced (Flat Cut)
A log is cut in half lengthwise and placed on the slicer. Individual leaves of veneer are cut parallel to the original cut. Plain sliced produces the well-known cathedral or loop-grain effect in the center of the leaf and straighter grain along the edges.

Quarter Cut
A log is cut in quarters lengthwise and placed the slicer. Individual leaves of veneer are cut at a 90 degree angle to the growth rings. Quarter cutting produces a striped, often straight-grain effect.

Rift Cut
Oak is the only species that is rift cut. Instead of quarter cutting, oak is cut about 15 percent off the quartered position to avoid the bold flake effect caused by rays which radiate from the center of the oak log. Rift cutting produces a comb-grain effect.

Rotary Cut
A full log is placed in a lathe and turned against a blade which peels a continuous sheet of veneer along the annular growth rings. Rotary cut veneer is exceptionally wide and produces bold, variegated grain markings.
VENEEr MATCHING EXPLAINEd

Book Match
One method of matching a veneer is book match. This is accomplished by opening consecutive veneer layers as if opening a book. It creates a symmetrical pattern that effectively displays a wood’s grain. It is best used with a plain sliced veneer.

Slip Match
Another method of matching veneer is slip match. This is accomplished when stacked layers of veneer are “slipped” across each other and laid side-by-side. This creates a linear pattern and is commonly used in most wall panels.

Random Match
Random matching is just what it sounds like. Usually done with lower grades of veneer, the leaves may be of varying width, colors and grains.

End Match
With end matching one leaf is spliced end to end with another leaf to create a longer panel or piece of veneer. End matching is often used to extend the apparent length of available veneers.
<table>
<thead>
<tr>
<th>Wood Veneer Species</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afomosia</td>
<td>Quarter cut</td>
</tr>
<tr>
<td>Alder</td>
<td>Quarter cut</td>
</tr>
<tr>
<td>Anegre</td>
<td>Plain sliced</td>
</tr>
<tr>
<td>Anegre</td>
<td>Quarter cut</td>
</tr>
<tr>
<td>Ash</td>
<td>Plain sliced</td>
</tr>
<tr>
<td>Ash</td>
<td>Quarter cut</td>
</tr>
<tr>
<td>Bamboo</td>
<td>Natural narrow</td>
</tr>
<tr>
<td>Bamboo</td>
<td>Natural wide</td>
</tr>
<tr>
<td>Bamboo</td>
<td>Caramelized narrow</td>
</tr>
<tr>
<td>Bamboo</td>
<td>Caramelized wide</td>
</tr>
<tr>
<td>Beech</td>
<td>Plain sliced</td>
</tr>
<tr>
<td>Beech</td>
<td>Quarter cut</td>
</tr>
</tbody>
</table>

**NOTE:** These color samples are reproduced by printing process, so the colors represented may not match the wood’s actual color. In addition, since no two trees are identical, wood can be expected to differ both in color and graining. This is what makes wood so beautiful. Stained sample will be provided for approval before projects goes into production.
**WOOD VENEER SPECIES**

**BIRCH-MAPLE**

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**Wood Species**

- **Birch**
  - Plain sliced
- **Cedar (Western Red)**
  - Vertical grain
- **Cherry**
  - Plain sliced
  - Quarter cut
- **Douglas Fir**
  - Vertical grain
- **Eucalyptus**
  - Quarter cut, figured
- **Hickory**
  - Plain sliced
- **Mahogany (African)**
  - Quarter cut
- **Makore**
  - Plain sliced
  - Quarter cut
- **Maple**
  - Plain sliced

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**Don’t see the species you want?**

We can manufacture your project with any commercially available veneer.
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**MAPLE-WENGE**

Maple
- quarter cut

Oak (English Brown)
- plain sliced

Oak (Red)
- plain sliced

Oak (Red)
- rift cut

Oak (White)
- plain sliced

Oak (White)
- rift cut

Poplar
- plain sliced

Sapele
- quarter cut

Teak
- plain sliced

Walnut
- plain sliced

Walnut
- quarter cut

Wenge
- plain sliced

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SOLID WOOD SPECIES

ASH-DOUGLAS FIR

Ash
- flat cut

Ash
- quarter cut

Beech (Euro Steamed)
- flat cut

Beech (Euro Steamed)
- quarter cut

Birch
- flat cut

Cedar (Western Red)
- flat cut

Cedar (Western Red)
- vertical grain

Cherry
- flat cut

Cherry
- quarter cut

Cypress
- flat cut

Douglas Fir
- vertical grain

Douglas Fir
- mixed grain

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Eucalyptus
*flat cut*

Hemlock
*flat cut*

Hemlock
*vertical grain*

Mahogany (African)
*quarter cut*

Maple
*flat cut*

Oak (White)
*quarter cut*

Oak (White)
*rift cut*

Oak (Red)
*flat cut*

Oak (Red)
*rift cut*

Poplar
*flat cut*

Walnut
*flat cut*

Walnut
*quarter cut*

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WOOD VENEER

- Wenge Veneer
- Solid Poplar + Maple + Anegre Veneer
- Red Oak Veneer
- Beech Veneer
STAIN COLORS

INNOVATION | COMES | STANDARD
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Don’t see the color you want?
Custom color tinting and matching available.

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FN101
FN102
FN103
FN104

FN105
FN106
FN107
FN108

FN109
FN110
FN111
FN112

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Don’t see the color you want?
In addition to our standard stain colors ACGI is able to create or match a specific color for your project. Our finishing department has the experience necessary when it comes to custom tinting and matching.

When to Consider a Custom Color:
• When you absolutely need a specific color.
• When you need to match the color of existing pieces in the project.
• When making repairs or adding to existing cabinetry or components.

The Lighting Factor
Keep in mind that the installation site is the final viewing area for your components and the light source of that environment will have an impact on how our color matches your existing products. When submitting a color match, please provide the lighting source at the installation site (e.g. cool white fluorescent, warm white fluorescent, daylight, incandescent, or ultraviolet). Our team can utilize these same light sources, to view the color match according to the original information provided, prior to sending you a sample for approval.

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