



Product Details

Summit Woodworking uses only the finest kiln-dried, select grade lumber available. All products in this catalog are made from solid lumber. When veneers are used in the manufacture of the doors in this catalog, it is so stated herein. (Plywood is used in panels where specified as a flat panel.) We do, however, build custom doors on a quote basis using veneers of various types.

We will build your doors from: Northern Red Oak, White Oak, Cherry, Genuine Mahogany, Eastern Hard White Maple, Natural Birch, V.G. Douglas Fir, Pine, Cedar, Redwood, Teak, Walnut, Hawaiian Koa, or any other species that will meet your needs, is available, and is sound and reasonable to work with. Every piece of wood that goes into a Summit door is inspected a minimum of 12 times. All joining is done by hand and visually inspected for quality and integrity of fit.

The pride we put into our doors is the foundation of our reputation in this industry. Our focus is on each individual doors quality and integrity of design and workmanship.

Doweling:

At the heart of our construction is the doweling process. We use only hardwood dowels. Joining the rails and the stiles are 5/8" diameter dowels on 1-3/4" centers. The strength of these dowels combined with expertly machined parts is, in our opinion and based on our experience, vastly superior to any other stile and rail joining. Compared to a mortise and tenon joint, which by its nature tends to be sloppy and inconsistent, doweling, when done properly, is tighter and, therefore, consistently provides a stronger bond with more glue surface area and a thinner (therefore stronger) glue line.

Gluing:

At Summit Woodworking we typically use two different types of glue:

- 1.) At the dowel we use a type II water resistant glue. We consider the dowels protected from weather and therefore an interior application.
- 2.) All gluing and laminating is done with a type I glue. All gluing is done by hand and all joints are inspected before, during and after the gluing process.

Laminating:

In most cases at Summit Woodworking, all doors are manufactured only from solid lumber. We do laminate (or glue) two or more pieces of wood together for thickness quite often. Examples of this would be our split-thru-proof raised panels (SRP). Also, many of our stiles are made this way. Our experience has shown that this process has several advantages which become apparent in our doors. The first of these advantages is that essentially the product is split-thru-proof. The second advantage of laminating is stability "with" the grain as well as across the grain. In other words, there is significant resistance to bowing and/or warping when parts are laminated properly.