

Redwood

TECHNICAL DATA SHEET

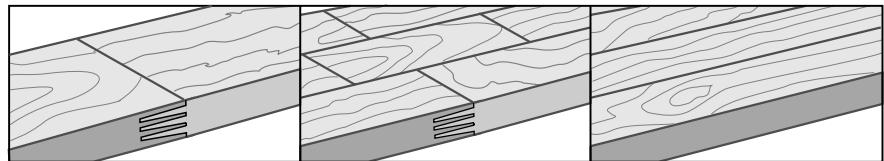
Finger-Jointed and Glued Redwood Products

Machining and joining process uses efficient and precise technique...

Finger-jointed and glued redwood lumber provides the performance and quality of architectural grade redwood at an economical price. It is ideal for fascia, soffits, siding and trim as well as for interior paneling and ceiling uses. Whether end-glued, edge-glued, or both end- and edge-glued, finger-jointed and glued lumber is made from small pieces of Certified Kiln Dried redwood that are precision machined and joined with an exterior adhesive cured by high frequency electrical energy. This process has been tested and refined for over 30 years. It is an efficient technique that makes the most of the top quality wood in each log.

California redwood is classified by the U. S. Forest Products Laboratory as one of the woods that glues easily under a wide range of gluing conditions. In addition, the heartwood and sapwood take and hold glue equally well. Redwood is easy to work with machine tools. This is important since good machining of the surface is essential in preparation for gluing, and since most glued redwood is machined after gluing.

Glued lumber is exceptionally straight and stable. It has the natural stability of Certified Kiln Dried redwood, and because small pieces of joined lumber tend to be more stable than solid lumber, finger-jointed products stay flat, with minimum crook or cup.



End-glued

Short lengths are finger-jointed and end-glued only.

End- and edge-glued

Panels made up of random width finger-jointed stock glued edge to edge.

Edge-glued

Panels made of full length strips glued edge to edge.

Order any standard pattern with either smooth or saw-textured surface...

Sizes and Patterns

Nominal thicknesses from 3/4 inch to 2 inches and nominal widths from 2 to 12 inches are available. Wider panels are also available for special uses. Glued redwood lumber can be run to any standard CRA pattern with either a smooth or saw-textured surface. Single

Specify vertical grain for added dimensional stability and finish retention...

Finish with paint or solid-body stain system...



405 Enfrente Drive, Suite 200
Novato, California 94949
Telephone 415 382-0662
Fax 415 382-8531
Toll Free 888 Cal-Redwood
www.calredwood.org

Redwood—our renewable resource

and double plowed fascia are available. Since finger-jointed redwood is manufactured as a continuous board, it can be ordered in specific lengths up to 24 feet, depending upon the manufacturer.

Grades

Glued redwood products are produced in the grades of Clear All Heart, Clear and B Grade in accordance with the provisions of RIS *Standard Specifications for Grades of California Redwood Lumber* paragraphs 211(a), (b) and (c). Vertical grain can be specified for enhanced dimensional stability and finish retention.

Finishing

Redwood glued exterior siding, fascia and trim products are intended for uses where they will be finished with a paint or solid-body stain system (i.e. they are considered “paint grade” products).

The preferable finish system consists of a prime coat of oil- or alkyd resin-based primer followed by two topcoats of a top quality acrylic latex paint. All ends, edges and sides should be primed. Factory prepriming is recommended. If the primer is allowed to weather longer than 30 days, the surface should be cleaned and reprimed prior to applying the topcoats. Any visible openings at glue joints should be filled with an exterior wood filler and sanded smooth prior to topcoating.

Solid-body stains, either solvent- or water-borne, should be applied over a prime coat of oil- or alkyd resin-based primer. As an alternative, two prime coats of a water-borne stain-blocking primer specifically formulated for extractive rich woods may be used for either paint or solid-body stain systems. The initial prime coat should be allowed to dry thoroughly before applying the second prime coat. Primer and topcoats should be compatible and preferably produced by the same manufacturer. Two topcoats of solid-body stain are recommended. Acrylic latex solid-body stains will provide superior service.

Brushing or rolling is the preferred method of application. Spray application followed by back brushing or back rolling is acceptable. Closely follow finish manufacturer’s recommendations on application conditions and coverage factors. For further information on painting exterior redwood, refer to CRA Technical Data Sheet *Painting Redwood Siding: Guidelines to Extending Maintenance Cycles*.