

# ENGINEERED WOOD products guide

## American Wood Council

Phone: 202-463-2766

Email: [info@awc.org](mailto:info@awc.org)

Web: [www.awc.org](http://www.awc.org)

**Product:** Connection Calculator

**Description:** Provides users with a web-based approach to calculating capacities for single bolts, nails, lag screws, and wood screws per the 2015 NDS. Both lateral (single and double shear) and withdrawal capacities can be determined. Wood-to-wood, wood-to-concrete, and wood-to-steel connections are possible.

## Canfor EWP

Phone: 870-310-8168

Email: [chris.webb@canfor.com](mailto:chris.webb@canfor.com)

Web: [www.anthonystore.com](http://www.anthonystore.com)

**Product:** Power Beam®

**Description:** Designed for use as primary support beams, Power Beam compliments Mass Timber wood framing systems. The strongest engineered wood product (EWP) on the market with design values of 3000Fb - 2.1E - 300Fv. Power Beam is manufactured with superior-strength southern yellow pine MSR Lumber.

**Product:** Power Column®

**Description:** Manufactured with superior-strength southern yellow pine MSR Lumber, Power Column compliments Mass Timber wood framing systems. Available in a range of appearance grades for structural and architectural applications. Framing members such as Power Beam® can easily be attached to Power Column with simple connection detailing.

**Product:** Power Preserved Glulam®

**Description:** Durable long-term solution for most exterior non-marine use structural applications. Power Preserved Glulam is offered in two preservative treatments: Clear-Guard® and Cop-Guard®. Both preservatives are applied to Power Preserved Glulam through vacuum pressure impregnation per American Wood Protection Associations (AWPA) Standards.



## IES | Easy Structural Software

Phone: 800-707-0816

Email: [info@iesweb.com](mailto:info@iesweb.com)

Web: [www.iesweb.com](http://www.iesweb.com)

**Product:** VisualAnalysis

**Description:** VisualAnalysis will help you analyze and design wood structures. Create models, apply loads, and get your frame or truss members optimized with NDS design checks. Easy and flexible modeling. Easy to use features that let you stay in control. Easy on your budget. Download your free trial today.



## RedBuilt

Phone: 866-859-6757

Email: [info@redbuilt.com](mailto:info@redbuilt.com)

Web: [www.redbuilt.com](http://www.redbuilt.com)

**Product:** Red-I™ Joists, RedLam™ LVL and Red-OW trusses

**Description:** Structural solutions developed to optimize the design of your project and have become an integral part of the floor, roof, and ceiling framing. Visit the Resources section of the website for the complete list of Specifier's Guides.

## RISA Tech, Inc

Phone: 949-951-5815

Email: [info@risa.com](mailto:info@risa.com)

Web: [risa.com](http://risa.com)

**Product:** RISAFloor and RISA-3D

**Description:** RISAFloor and RISA-3D, the premiere wood-design software package. Create 3-D models of your entire structure and get complete design of wood walls, flexible wood diaphragms, dimensional lumber, glulams, diaphragms, LVL's, and joists. Custom databases for species, design of strap and hold-downs, and panel nailing offer total flexibility.



## S-FRAME Software

Phone: 202-421-4800

Email: [sales@s-frame.com](mailto:sales@s-frame.com)

Web: [s-frame.com](http://s-frame.com)

**Product:** S-TIMBER

**Description:** The solution to mass timber and hybrid timber analysis/design is S-TIMBER. Developed specifically for timber design, S-TIMBER uses parametric timber modeling capabilities not found in other timber design solutions. Includes advanced analysis capabilities, orthotropic materials, enhanced timber design reporting, and is backed by over 35 years of structural engineering expertise.

## Trimble

Phone: 678-737-7379

Email: [jodi.hendrixson@trimble.com](mailto:jodi.hendrixson@trimble.com)

Web: [www.tekla.com/us](http://www.tekla.com/us)

**Product:** Tekla Tedds

**Description:** Using Tekla Tedds, you can design a range of wood elements and produce detailed and transparent documentation for beams (single span, multi-span and cantilever), wood columns, sawn lumber, engineered wood, glulam and flitch options, shear walls (multiple openings: segmented or perforated) and connections (bolted, screwed, nailed, wood/wood and wood/steel).

## WoodWorks®

Phone: 800-844-1275

Email: [sales@woodworks-software.com](mailto:sales@woodworks-software.com)

Web: [www.woodworks-software.com](http://www.woodworks-software.com)

**Product:** WoodWorks Software

**Description:** Conforms to IBC, ASCE 7, NDS and SDPWS. SHEARWALLS: designs FHS, FTAO, perforated shearwalls; automatically generates loads; rigid and flexible diaphragm analyses. SIZER: designs beams, joists, columns, studs, and CLT up to 6 stories; automatic size optimization. CONNECTIONS: Wood to: wood, steel or concrete.

## ENERCALC, Inc.



Phone: 800-424-2252

Email: [info@enercalc.com](mailto:info@enercalc.com)

Web: <https://enercalc.com>

**Product:** ENERCALC SEL/Structural Engineering Library/ENERCALC for Revit

**Description:** Deadlines getting to you? Whether working with wood beams, trusses, columns, ledgers, or shear walls, ENERCALC SEL saves hours of design time weekly. Built-in databases for sawn lumber and engineered wood products (VersaLam, Glu-Lam etc) put section properties and allowable stresses at your fingertips. Budget-friendly all-inclusive subscriptions make it easy.

## Not listed?

All 2022 Resource Guide forms are available on our website.

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meets architectural vision.

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