



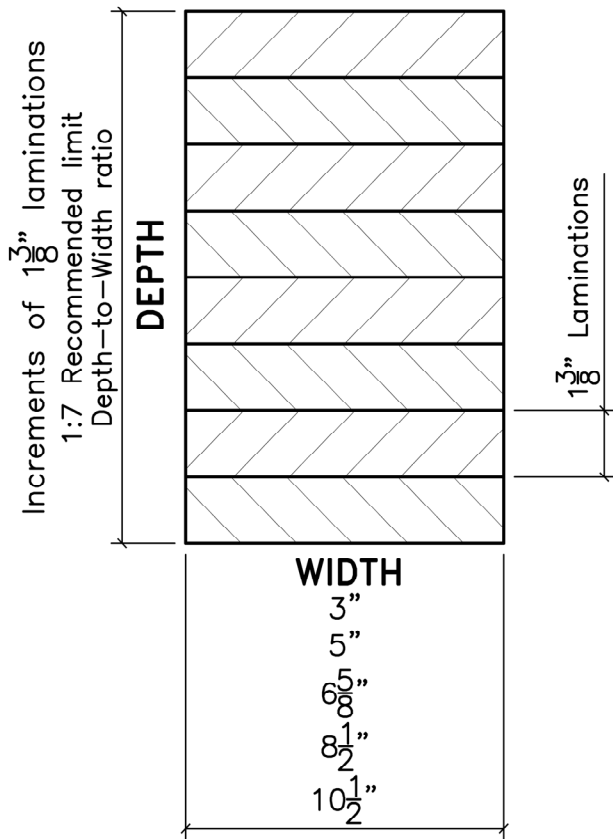
Structural Wood Systems

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MATERIALS

Structural Wood Systems glulam members are Southern Pine, manufactured in accordance with ANSI A190.1-2012 and ANSI 117-2015. Copies can be provided upon request.

STANDARD SIZES



WIDTHS ABOVE SHOWN FOR ARCHITECTURAL OR PREMIUM APPEARANCE GRADE. INDUSTRIAL APPEARANCE GRADE CAN BE $\frac{1}{8}$ " WIDER.

- * Straight members can be cambered from 1/2" - 6"
- ** Members can be curved. Custom lamination thicknesses are used for radii less than 16'
- *** Custom sizes are available upon request

STANDARD DESIGN VALUES

Stress Class - 24F-1.8E

2,400	psi in Bending, F_{bx}
300	psi in Shear Parallel to Grain, F_v
740	psi in Compression Perpendicular to grain, $F_{c\perp x}$
1,800,000	psi in Modulus of Elasticity, E_x
1,150	psi in Tension Parallel to grain, F_t
1,650	psi in Compression Parallel to grain, F_c

Combination

- 24F-V3 SP/SP – Unbalanced Lay-up
- 24F-V8 SP/SP – Balanced Lay-up
- #49 Lay-up for primarily axially loaded members

Reference ANSI 117-2015 or The National Design Specification (NDS) for Wood Construction for a more comprehensive list and explanation of design values. Copies can be provided upon request.

ADHESIVES

Adhesives are waterproof complying with ANSI A190.1-2012 and contain no Urea Formaldehyde.

PRESERVATIVE TREATMENT

When preservative treatment is necessary, pressure treat prior to gluing per AWPA U1 standards with pentachlorophenol in mineral spirits. (.3 pcf) above ground, (.6 pcf) ground contact.

SPECIFICATIONS

A complete set of our recommended specifications can be provided upon request.

