

PERMA-STRAIGHT Laminated Columns

- *Increased Quality*
- *No call-out, eliminates costly sorting and returns*
- *15 to 20% lighter than columns treated the full length*
- *More efficient installation*
- *Untreated wood above ground eliminates need for galvanized fasteners*
- *Lower installed cost*
- *Better Bottom Line*

Wood, the natural choice:

Wood products made up 47 percent of all industrial raw materials manufactured in the US, yet consumed only 4 percent of the energy needed to manufacture all industrial raw materials, according to a 1987 study.

Finished post depths: 3 ply ~ 4-1/8"
 4 ply ~ 5-7/16"
 5 ply ~ 6-13/16"

Finished post widths: 3-1/8"
 5-1/8"
 6-3/4"

Design Values:

	5 1/8" 3-ply	5 1/8" 4-ply	5 1/8" 5-ply
F_{by} (psi)	1550	1750	1750
F_c (psi)	1150	1900	1900
E (psi)	1,400,000	1,400,000	1,400,000

	6 3/4" 3-ply	6 3/4" 4-ply	6 3/4" 5-ply
F_{by} (psi)	1550	1750	1750
F_c (psi)	1150	1900	1900
E (psi)	1,400,000	1,400,000	1,400,000

*Other sizes and design values available upon request

A STABLE, ENGINEERED COLUMN DESIGNED SPECIFICALLY FOR THE POST-FRAME INDUSTRY



Features and Benefits:

Dimensional Stability: Conventional solid sawn sections are typically supplied as "green" timbers. Because Perma-Straight Columns are manufactured with "dry" lumber of approximately 16% moisture content, it has excellent dimensional stability. The Perma-Straight Columns will remain straight and true in cross section and are also less susceptible to checking and splitting.

Design Versatility: The Perma-Straight Column can be produced up to 36 feet in length, offering more versatility in building design.

Treated Lowers: Lower members treated to .60 retention as required by AWPA for permanent wood foundation structures.

APA Quality Control: The American Plywood Association (APA) trademark represents compliance with the APA's proven quality assurance program and ensures superior post quality and consistent performance.



NOTICE:
The recommendations in this data file apply only to glulam that bears the APA EWS trademark. Only glulam bearing the APA EWS trademark is subject to the Association's quality auditing program.

PERMA-STRAIGHT