GLULAM POST SPECIFICATIONS:

A.B.MARTIN ROOFING SUPPLY LLC

Distributed By:
AB Martin Roofing Supply L.L.C.
150 Slate Road
Ephrata, PA 17522
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GluLam Features & Benefits:

Stronger: Multiple members increase strength over solid sawn members. Laboratory tested design values.

Dimensional Stability: GluLams have consistent dimensions, are straighter and a available in longer lengths (up to 40') than solid sawn members. GluLams are also resistant to twisting, splitting and checking.

Lightweight: Kiln Dried CCA lumber which allows finished post to weigh approx. 60% of similar sized treated solid sawn member.

Safer: Structural adhesives mean nails and lags hold without splitting plys as with nail laminated columns, also no nails or plates to damage saws. Untreated tops reduce exposure to CCA and allow use of standard fasteners. (non-corrosive)

Economic: GluLams are competitive priced and do not carry the high premiums for longer lengths as solid sawn members.

GluLam Specifications:

Lower Portion: Lower section of GluLam is Southern Yellow Pine treated to 0.60 retention CCA based on the AWPA requirements for permanent wood foundations.

Upper Portion: Upper section of GluLam is #1 Southern Yellow Pine

Assembly (Finger-joint): Treated Base member is attached to upper member with a glued finger-jointing process.

Lamination Process: Finger-jointed member is surfaced for even adhesive application and adhesive is selected for wet end use. Glued assemblies are clamped up and maintained at constant pressures until adhesive cures.

Post Lamination: Glued Columns are surfaced after removal from press to remove excess adhesive and provide a uniform surface.

Quality Control: The following tests are performed on each production lot: AITC T107 Block Shear, AITC T110 Cyclic Delamination, AITC T119 Fingerjoint Tension. Posts are visually graded and checked to ensure that finished GluLams meets the customer specifications.

Warranty: *Refer to Warranty Sheet for details.*

GluLam Load Chart:

Design Values: (Tested)									
Product:	**Weight:**	**Dim(x):**	**Dim(y):**	**Area:** In^2	**Fb(y)** *(psi)*	**Fc** *(psi)*	**E** *(psi)*	**S_y In^3**	**I_y In^4**
3ply2x6	5.17 #/lf	4.125	5.187	21.40	2,210	2,120	1,644,000		
4ply2x6	6.9 #/lf	5.437	5.187	28.20	2,325	1,890	1,597,000		
3ply2x8	8.14 #/lf	4.125	6.875	28.36	2,090	1,775	1,569,000		
4ply2x8	10.86 #/lf	5.437	6.875	37.38	2,000	1,890	1,484,000		