

WOOD BLOCK COMPRESSION TEST REPORT

Client: Prime Engineered Wood Products, LLC
1565 Countryside Drive
Orangeburg, SC - 29118

Report Date: 3/21/2014

Attention: Mr. Don Hunter

Project: Tests on Fabricated Wood Block Specimens
Laminated Timber Columns
Pompano Beach, FL

QuEST Report No.: J-14056.001

Placement Location: Nominal 6" x 6" Laminated Timber Columns (Fabricated with -1" Thick Lumber)

Technician	JG	Supplier
Fabrication Date		Wood Type
Weather		Design Strength (psi)
Air Temperature (F)		Wood Designation
Adhesive Temperature (F)		Batch No.

Specimen Dimensions (A) 5-1/2" x 5-1/2" x 10-3/8"

Specimen Dimensions (B) 5-1/2" x 5-1/2" x 10-3/8"

Specimen Dimensions (C) 5-1/2" x 5-1/2" x 10-3/8"

Block No.	Date Tested	Nominal Block Ht. (Inches)	Gross Cross Section Area (Sq. Inches)	Net Cross Section Area (Sq. Inches)	Failure Load (lbs)	Gross Comp. Strength (psi)	Net Comp. Strength (psi)	Remarks
A	03/21/14	10-3/8"	30.25	17.12	117050	3869	6837	
B	03/21/14	10-3/8"	30.25	17.12	126050	4167	7363	
C	03/21/14	10-3/8"	30.25	17.12	122340	4044	7146	

Remarks The indicated loads have not been modified with Correction (LID) Factors or Safety Factors. Use appropriate column height correction factors and safety factors in design applications.

Lab. Technician JG

Sincerely,
Quest Engineering Services & Testing, Inc.

K. N. SAILAPPAN
3/21/14



WOOD BLOCK COMPRESSION TEST REPORT

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Orangeburg, SC - 29118

Report Date: 3/21/2014

Attention: Mr. Don Hunter

Project: Tests on Fabricated Wood Block Specimens
Laminated Timber Columns
Pompano Beach, FL

QuEST Report No.: J-14056.002

Placement Location: Nominal 4" x 4" Laminated Timber Columns (Fabricated with -1" Thick Lumber)

Technician JG
Fabrication Date
Weather
Air Temperature (F)
Adhesive Temperature (F)

Supplier
Wood Type
Design Strength (psi)
Wood Designation
Batch No.

Specimen Dimensions (A) 3-1/2" x 3-1/2" x 10-3/8"

Specimen Dimensions (B) 3-1/2" x 3-1/2" x 10-3/8"

Specimen Dimensions (C) 3-1/2" x 3-1/2" x 10-3/8"

Block No.	Date Tested	Nominal Block Ht. (Inches)	Gross Cross Section Area (Sq. Inches)	Net Cross Section Area (Sq. Inches)	Failure Load (lbs)	Gross Comp. Strength (psi)	Net Comp. Strength (psi)	Remarks
A	03/21/14	10-3/8"	12.25	9.91	68040	5554	6866	
B	03/21/14	10-3/8"	12.25	9.91	59970	4896	6051	
C	03/21/14	10-3/8"	12.25	9.91	66130	5398	6673	

Remarks The indicated loads have not been modified with Correction (LID) Factors or Safety Factors. Use appropriate column height correction factors and safety factors in design applications.

Lab. Technician JG

Sincerely,
Quest Engineering Services & Testing, Inc.

K. N. SAILAPPAN
3/21/14

