

ROSBOROTM MANUFACTURED TIMBERTM



Rosboro RMT.TM It's Real Wood.

For over 150 years, Douglas fir solid sawn timber has been the choice of builders around the nation. As old-growth forests have become increasingly protected, solid sawn timber in many grades and lengths has become less available. Responding to the demands of today's builders, Rosboro has created RMT (Rosboro Manufactured Timber), a cost effective alternative to solid sawn timber.

Direct Timber Substitute

Rosboro RMT is manufactured to meet or exceed the published design values of solid sawn timber of the same size and grade. For example, an RMT timber stamped with WCLIB Select Structural or #1 will meet or exceed all the published design values for solid timber of the same size.

State of California DSA Certified

RMT is California DSA certified and is accepted as an alternate building material for solid sawn lumber on State of California jobs.

Key Benefits

- Surfaced solid timber sizes
- S4S square edge and kiln dried
- Readily available
- Paper wrapped units
- Double end trimmed
- WCLIB grade stamped both ends
- Pre-cut lengths: 16', 18', 20', 22', 24'
- Custom lengths up to 60'

MILL 303
 **NO. 1**
GLUED LBR
D. FIR KD-HT





RMT Sizes, Availability and Weight

Nominal Size	Net Dry Size	Weight (pounds per lineal foot)
3 x 6	2½ x 5½	3.2
3 x 8	2½ x 7¼	4.2
3 x 10	2½ x 9¼	5.4
3 x 12	2½ x 11¼	6.6
3 x 14	2½ x 13¼	7.7
3 x 16	2½ x 15¼	8.9
3 x 18	2½ x 17¼	10.0
4 x 6	3½ x 5½	4.8
4 x 8	3½ x 7¼	6.4
4 x 10	3½ x 9¼	8.0
4 x 12	3½ x 11¼	9.6
4 x 14	3½ x 13¼	11.2
4 x 16	3½ x 15¼	13.0
4 x 18	3½ x 17¼	14.7
6 x 6	5½ x 5½	7.4
6 x 8	5½ x 7½	10.0
6 x 10	5½ x 9½	12.7
6 x 12	5½ x 11½	15.4
6 x 14	5½ x 13½	18.0
6 x 16	5½ x 15½	20.7
6 x 18	5½ x 17½	23.4

Contact Rosboro Lumber Sales for more information about RMT.

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RMT: Beam and Header Design Values Douglas Fir

Flexural Stress (F_b , psi)

Nominal Size	Sel Str	No. 1
4 x 6	1,950	1,300
4 x 8	1,950	1,300
4 x 10	1,800	1,200
4 x 12	1,650	1,100
4 x 14	1,500	1,000
4 x 16	1,500	1,000
4 x 18	1,500	1,000
6 x 6	1,500	1,200
6 x 8	1,500	1,200
6 x 10	1,600	1,350
6 x 12	1,600	1,350
6 x 14	1,580	1,330
6 x 16	1,555	1,310
6 x 18	1,535	1,295

Horizontal Shear (F_v , psi)

Nominal Size	Sel Str	No. 1
4 x ...	180	180
6 x ...	170	170

Modulus of Elasticity ($E \times 10^6$, psi)

Nominal Size	Sel Str	No. 1
4 x ...	1.9	1.7
6 x ...	1.6	1.6

RMT: Column Design Values Douglas Fir

Nominal Size	Compression Parallel-to-Grain (F_c , psi)		Modulus of Elasticity ($E \times 10^6$, psi)	
	Sel Str	No. 1	Sel Str	No. 1
6 x 6	1,150	1,000	1.6	1.6
6 x 8	1,150	1,000	1.6	1.6