

# WOOD SPECIES USED IN CONSTRUCTION

## Western Wood Species Continued

Hem-Fir	2x6 Grade			2x8 Grade			2x10 Grade			2x12 Grade		
	No. 1 & BTR	No. 1	No. 2	No. 1 & BTR	No. 1	No. 2	No. 1 & BTR	No. 1	No. 2	No. 1 & BTR	No. 1	No. 2
<b>O.C.</b>												
<b>12"</b>	10-6	10-6	10-0	13-10	13-10	13-2	17-8	17-8	16-10	21-6	21-6	20-4
<b>16"</b>	9-6	9-6	9-1	12-7	12-7	12-0	16-0	16-0	15-2	19-6	18-7	17-7
<b>24"</b>	8-3	8-3	7-11	11-0	10-9	10-2	13-9	13-1	12-5	16-0	15-2	14-4

### CEILING JOISTS LIMITED ATTIC STORAGE 20 PSF LIVE, 10 PSF DEAD LOAD, L240

Spruce-Pine-Fir-South	2x6 Grade			2x8 Grade			2x10 Grade			2x12 Grade		
	No. 1	No. 2	No. 3	No. 1	No. 2	No. 3	No. 1	No. 2	No. 3	No. 1	No. 2	No. 3
<b>O.C.</b>												
<b>12"</b>	14-1	13-8	10-4	18-6	17-5	13-1	22-7	21-3	16-0	26-3	24-8	18-6
<b>16"</b>	12-8	11-11	8-11	16-0	15-1	11-4	19-7	18-5	13-10	22-8	21-4	16-1
<b>24"</b>	10-4	9-8	7-4	13-1	12-4	9-3	16-0	15-0	11-4	18-6	17-5	13-1

Doug-Fir Larch	2x6 Grade			2x8 Grade			2x10 Grade			2x12 Grade		
	No. 1 & BTR	No. 1	No. 2	No. 1 & BTR	No. 1	No. 2	No. 1 & BTR	No. 1	No. 2	No. 1 & BTR	No. 1	No. 2
<b>O.C.</b>												
<b>12"</b>	16-1	15-9	14-10	21-2	20-1	18-9	26-4	24-6	22-11	30-6	28-5	25-7
<b>16"</b>	14-7	13-9	12-10	18-8	17-5	16-3	22-9	21-3	19-10	26-5	24-8	23-0
<b>24"</b>	12-0	11-2	10-6	15-3	14-2	13-3	18-7	17-4	16-3	21-7	20-1	18-10

Doug Fir South	2x6 Grade			2x8 Grade			2x10 Grade			2x12 Grade		
	No. 1	No. 2	No. 3	No. 1	No. 2	No. 3	No. 1	No. 2	No. 3	No. 1	No. 2	No. 3
<b>O.C.</b>												
<b>12"</b>	14-5	14-1	10-11	19-0	18-3	13-10	23-3	22-3	16-11	27-0	25-10	19-7
<b>16"</b>	13-0	12-6	9-6	16-6	15-9	12-0	20-2	19-3	14-8	23-4	22-4	17-0
<b>24"</b>	10-8	10-2	7-9	13-6	12-11	9-9	16-5	15-9	11-11	19-1	18-3	13-10

West. Woods	2x6 Grade			2x8 Grade			2x10 Grade			2x12 Grade		
	No. 1	No. 2	No. 3	No. 1	No. 2	No. 3	No. 1	No. 2	No. 3	No. 1	No. 2	No. 3
<b>O.C.</b>												
<b>12"</b>	12-9	12-9	9-8	16-2	16-2	12-4	19-9	19-9	15-0	22-11	22-11	17-5
<b>16"</b>	11-1	11-1	8-5	14-0	14-0	10-8	17-1	17-1	13-0	19-10	19-10	15-1
<b>24"</b>	9-0	9-0	6-10	11-5	11-5	8-8	14-0	14-0	10-7	16-3	16-3	12-4

Hem-Fir	2x6 Grade			2x8 Grade			2x10 Grade			2x12 Grade		
	No. 1 & BTR	No. 1	No. 2	No. 1 & BTR	No. 1	No. 2	No. 1 & BTR	No. 1	No. 2	No. 1 & BTR	No. 1	No. 2
<b>O.C.</b>												
<b>12"</b>	15-2	15-2	14-5	19-11	19-7	18-6	25-2	23-11	22-7	29-2	27-9	26-3
<b>16"</b>	13-9	13-5	12-8	17-10	16-11	16-0	21-9	20-8	19-7	25-3	24-0	22-8
<b>24"</b>	11-6	10-11	10-4	14-7	13-10	13-1	17-9	16-11	16-0	20-7	19-7	18-6