

Combination Symbol	Species Outer Laminations /Core Laminations	Bending About X-X Axis						Bending About Y-Y Axis					Axially Loaded		
		Loaded Perpendicular to Wide Faces of Laminations						Loaded Parallel to Wide Faces of Laminations					Tension Parallel to Grain	Compression Parallel to Grain	Modulus of Elasticity
		Tension Zone Stressed in Tension	Compression Zone Stressed in Tension	Tension Face	Compression Face	Shear Parallel to Grain (Horizontal)	Modulus of Elasticity	Extreme Fiber in Bending	Compression Perpendicular to Grain	Shear Parallel to Grain (Horizontal)	Shear Parallel to Grain (Horizontal) (For members with multiple piece laminations which are not edge glued)	Modulus of Elasticity			
psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	

**Visually Graded Western Species**

The following combination is NOT BALANCED and is for either dry or wet use.

24F-V4	DF/DF	2400	1200	650	650	165	1.8	1500	560	145	75	1.6	1100	1600	1.8
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The following combination is BALANCED and is for either dry or wet use.

24F-V8	DF/DF	2400	2400	650	650	165	1.8	1450	560	145	75	1.6	1100	1650	1.8
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The following combination is NOT BALANCED and is for either dry or wet use.

20F-V12	AC/AC	2000	1000	560	560	190	1.5	1200	470	165	80	1.4	900	1500	1.4
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Wet-use Factors		0.8	0.8	0.53	0.53	0.875	0.833	0.8	0.53	0.875	0.875	0.833	0.8	0.73	0.833
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