WEIGHT PER LINEAR FOOT

To calculate the weight per linear foot for a particular size and species, multiply the cross-sectional area of the member by the species weight and increase factors shown in Table 22. The weight factors apply to lumber at 15% MC.

WEIGHT FACTOR (15% moisture content) Table 22

Species or Species Group	Weight Factor	Species or Species Group	Weight Factor
Douglas Fir-Larch	.233	Western Woods *(continued)*	
Douglas Fir-South	.216	Alpine Fir	.170
Hem-Fir	.203	Mountain Hemlock	.220
Spruce-Pine-Fir (South)	.203	Western Cedars	
Western Woods		Western Red Cedar	.162
Ponderosa Pine	.203	Alaskan Yellow Cedar	.220
Idaho White Pine	.194	Port Orford Cedar	.205
Sugar Pine	.184	Incense Cedar	.183

WEIGHT INCREASE FACTORS

Moisture Content	Increase Factor	Moisture Content	Increase Factor
20%	1.044	50%	1.314
30%	1.140	60%	1.392
40%	1.218	70%	1.488

Example: Weight for three feet of 2 × 8 DF-L @ 30% MC.

3	×	1.5 × 7.5	×	.233	×	1.140	=	8.97 pounds
		actual size of unseasoned 2 × 8		weight factor for DF-L		increase factor for 30% MC		