



EcoFasten Solar

EcoFasten Solar® 877-859-3947 Committed to the Support of Renewable Energy

**Lag pull-out (withdrawal) capacities (lbs) in typical roof lumber (ASD)**

	Specific Gravity	Lag screw specifications 5/16" shaft* per inch thread depth
Douglas Fir, Larch	.50	266
Douglas Fir, South	.46	235
Engelmann Spruce, Lodgepole Pine (MSR 1650 f & higher)	.46	235
Hem, Fir, Redwod (close grain)	.43	212
Hem, Fir (North)	.46	235
Southern Pine	.55	307
Spruce, Pine, Fir	.42	205
Spruce, Pine, Fir (E of 2 million PSI and higher grades of MSR and MEL)	.50	266

