

06 12 Structural Panels

06 12 10 – Structural Insulated Panels

06 12 10.10 OSB Faced Panels			Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
								Labor	Equipment		
0250	5-5/8" thick	G	F-3	1725	.023	S.F.	5.70	1.34	1.15	8.19	9.50
0260	7-3/8" thick	G		1425	.028		5.80	1.62	1.39	8.81	10.35
0270	9-3/8" thick	G		1125	.036		5.65	2.05	1.76	9.46	11.20
0300	For 1/2" GWB added to OSB skin, add	G					1.60			1.60	1.76
0310	For 1/2" MRGWB added to OSB skin, add	G					1.77			1.77	1.95
0320	For one T1-11 skin, add to OSB-OSB	G					2.09			2.09	2.30
0330	For one 19/32" CDX skin, add to OSB-OSB	G					1.72			1.72	1.89
0500	Structural insulated panel, 7/16" OSB both sides, straw core										
0510	4-3/8" T, walls (w/sill, splines, plates)	G	F-6	2400	.017	S.F.	8.65	.89	.83	10.37	11.80
0520	Floors (w/splines)	G		2400	.017		8.65	.89	.83	10.37	11.80
0530	Roof (w/splines)	G		2400	.017		8.65	.89	.83	10.37	11.80
0550	7-7/8" T, walls (w/sill, splines, plates)	G		2400	.017		12.25	.89	.83	13.97	15.70
0560	Floors (w/splines)	G		2400	.017		12.25	.89	.83	13.97	15.70
0570	Roof (w/splines)	G		2400	.017		12.25	.89	.83	13.97	15.70

06 12 19 – Composite Shearwall Panels

06 12 19.10 Steel and Wood Composite Shearwall Panels

0010 STEEL & WOOD COMPOSITE SHEARWALL PANELS											
0020	Anchor bolts, 36" long (must be placed in wet concrete)		1 Carp	150	.053	Ea.	51.50	3		54.50	61
0030	On concrete, 2" x 4" & 2" x 6" walls, 7'-10' high, 360 lb. shear, 12" wide		2 Carp	8	2		630	113		743	865
0040	715 lb. shear, 15" wide			8	2		785	113		898	1,025
0050	1860 lb. shear, 18" wide			8	2		860	113		973	1,125
0060	2780 lb. shear, 21" wide			8	2		945	113		1,058	1,200
0070	3790 lb. shear, 24" wide			8	2		995	113		1,108	1,275
0080	2" x 6" walls, 11'-13' high, 1180 lb. shear, 18" wide			6	2.667		950	150		1,100	1,275
0090	1555 lb. shear, 21" wide			6	2.667		1,450	150		1,600	1,825
0100	2280 lb. shear, 24" wide			6	2.667		1,125	150		1,275	1,475
0110	For installing above on wood floor frame, add										
0120	Coupler nuts, threaded rods, bolts, shear transfer plate kit		1 Carp	16	.500	Ea.	85.50	28		113.50	136
0130	Framing anchors, angle (2 required)		1 Carp	96	.083	Ea.	3.20	4.69		7.89	10.50
0140	For blocking see Section 06 11 10.02										
0150	For installing above, first floor to second floor, wood floor frame, add										
0160	Add stack option to first floor wall panel					Ea.	94			94	103
0170	Threaded rods, bolts, shear transfer plate kit		1 Carp	16	.500		99	28		127	151
0180	Framing anchors, angle (2 required)		"	96	.083		3.20	4.69		7.89	10.50
0190	For blocking see section 06 11 10.02										
0200	For installing stacked panels, balloon framing										
0210	Add stack option to first floor wall panel					Ea.	94			94	103
0220	Threaded rods, bolts kit		1 Carp	16	.500	"	56	28		84	104

06 13 Heavy Timber Construction

06 13 23 – Heavy Timber Framing

06 13 23.10 Heavy Framing

0010 HEAVY FRAMING											
0020	Beams, single 6" x 10"		2 Carp	1.10	14.545	M.B.F.	2,225	820		3,045	3,675
0100	Single 8" x 16"			1.20	13.333		3,600	750		4,350	5,100
0200	Built from 2" lumber, multiple 2" x 14"			.90	17.778		2,250	1,000		3,250	3,975
0210	Built from 3" lumber, multiple 3" x 6"			.70	22.857		2,775	1,275		4,050	4,975
0220	Multiple 3" x 8"			.80	20		2,750	1,125		3,875	4,700
0230	Multiple 3" x 10"			.90	17.778		2,725	1,000		3,725	4,500
0240	Multiple 3" x 12"			1	16		2,725	900		3,625	4,350