

# 05 21 Steel Joist Framing

## 05 21 19 – Open Web Steel Joist Framing

### 05 21 19.10 Open Web Joists

			Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
								Labor	Equipment		
1420	28CS4, 16.5 lb./L.F.	G	E-7	2400	.033	L.F.	15.80	2.06	1.16	19.02	22
1440	30CS2, 11.0 lb./L.F.	G		2400	.033		10.50	2.06	1.16	13.72	16
1460	30CS4, 16.5 lb./L.F.	G		2400	.033		15.80	2.06	1.16	19.02	22
1500	For less than 40-ton job lots										
1502	For 30 to 39 tons, add					%	10%				
1504	20 to 29 tons, add						20%				
1506	10 to 19 tons, add						30%				
1507	5 to 9 tons, add						50%	25%			
1508	1 to 4 tons, add						75%	50%			
1509	Less than 1 ton, add						100%	100%			
6200	For shop prime paint other than mfrs. standard, add						20%				
6300	For bottom chord extensions, add per chord	G				Ea.	41			41	45
6400	Individual steel bearing plate, 6" x 6" x 1/4" with J-hook	G	1 Bric	160	.050	"	9.80	2.76		12.56	14.95

## 05 21 23 – Steel Joist Girder Framing

### 05 21 23.50 Joist Girders

#### 0010 JOIST GIRDERS

0015	Made from recycled materials										
7020	Joist girders, 40-ton job lots, shop primer	G	E-5	13	6.154	Ton	1,850	380	202	2,432	2,850
7100	For less than 40-ton job lots										
7102	For 30 to 39 tons, add					Ton	10%				
7104	20 to 29 tons, add						20%				
7106	10 to 19 tons, add						30%				
7107	5 to 9 tons, add						50%	25%			
7108	1 to 4 tons, add						75%	50%			
7109	Less than 1 ton, add						100%	100%			
8000	Trusses, 40-ton job lots, shop fabricated WT chords, shop primer	G	E-5	11	7.273		6,100	450	239	6,789	7,675
8100	For less than 40-ton job lots										
8102	For 30 to 39 tons, add					Ton	10%				
8104	20 to 29 tons, add						20%				
8106	10 to 19 tons, add						30%				
8107	5 to 9 tons, add						50%	25%			
8108	1 to 4 tons, add						75%	50%			
8109	Less than 1 ton, add						100%	100%			

# 05 31 Steel Decking

## 05 31 13 – Steel Floor Decking

### 05 31 13.50 Floor Decking

#### 0010 FLOOR DECKING

R053100-10

0015	Made from recycled materials										
5100	Non-cellular composite decking, galvanized, 1-1/2" deep, 16 ga.	G	E-4	3500	.009	S.F.	4.57	.57	.04	5.18	6
5120	18 ga.	G		3650	.009		2.82	.55	.04	3.41	3.98
5140	20 ga.	G		3800	.008		3.33	.53	.04	3.90	4.51
5200	2" deep, 22 ga.	G		3860	.008		2.25	.52	.04	2.81	3.32
5300	20 ga.	G		3600	.009		3.20	.55	.04	3.79	4.42
5400	18 ga.	G		3380	.009		2.94	.59	.04	3.57	4.19
5500	16 ga.	G		3200	.010		4.52	.62	.05	5.19	6
5700	3" deep, 22 ga.	G		3200	.010		2.45	.62	.05	3.12	3.71
5800	20 ga.	G		3000	.011		3.52	.67	.05	4.24	4.94
5900	18 ga.	G		2850	.011		2.94	.70	.05	3.69	4.37
6000	16 ga.	G		2700	.012		5.15	.74	.05	5.94	6.85