

# 05 52 Metal Railings

## 05 52 16 – Industrial Railings

			Daily Crew	Labor- Output	Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
05 52 16.50 Railings, Industrial								Labor	Equipment		
0200	For 4" high kick plate, 10 ga., add	G				L.F.	6.05			6.05	6.65
0300	1/4" thick, add	G					7.90			7.90	8.70
0500	For curved level rails, add						10%	10%			
0550	For sloped rails for stairs, add						30%	30%			

# 05 53 Metal Gratings

## 05 53 13 – Bar Gratings

### 05 53 13.10 Floor Grating, Aluminum

0010	FLOOR GRATING, ALUMINUM, field fabricated from panels										
0015	Made from recycled materials										
0110	Bearing bars @ 1-3/16" OC, cross bars @ 4" OC,										
0111	Up to 300 S.F., 1" x 1/8" bar	G	E-4	900	.036	S.F.	25.50	2.22	.16	27.88	32
0112	Over 300 S.F.	G		850	.038		23.50	2.35	.17	26.02	29.50
0113	1-1/4" x 1/8" bar, up to 300 S.F.	G		800	.040		21.50	2.49	.18	24.17	27.50
0114	Over 300 S.F.	G		1000	.032		19.40	2	.15	21.55	24.50
0122	1-1/4" x 3/16" bar, up to 300 S.F.	G		750	.043		30.50	2.66	.20	33.36	38
0124	Over 300 S.F.	G		1000	.032		28	2	.15	30.15	33.50
0132	1-1/2" x 3/16" bar, up to 300 S.F.	G		700	.046		46	2.85	.21	49.06	55
0134	Over 300 S.F.	G		1000	.032		42	2	.15	44.15	49
0136	1-3/4" x 3/16" bar, up to 300 S.F.	G		500	.064		48	3.99	.30	52.29	59.50
0138	Over 300 S.F.	G		1000	.032		43.50	2	.15	45.65	51
0146	2-1/4" x 3/16" bar, up to 300 S.F.	G		600	.053		66	3.33	.25	69.58	78
0148	Over 300 S.F.	G		1000	.032		60	2	.15	62.15	69
0162	Cross bars @ 2" OC, 1" x 1/8", up to 300 S.F.	G		600	.053		29	3.33	.25	32.58	37.50
0164	Over 300 S.F.	G		1000	.032		26.50	2	.15	28.65	32
0172	1-1/4" x 3/16" bar, up to 300 S.F.	G		600	.053		46.50	3.33	.25	50.08	56.50
0174	Over 300 S.F.	G		1000	.032		42.50	2	.15	44.65	49.50
0182	1-1/2" x 3/16" bar, up to 300 S.F.	G		600	.053		56	3.33	.25	59.58	67
0184	Over 300 S.F.	G		1000	.032		50.50	2	.15	52.65	59
0186	1-3/4" x 3/16" bar, up to 300 S.F.	G		600	.053		71.50	3.33	.25	75.08	84.50
0188	Over 300 S.F.	G		1000	.032		65	2	.15	67.15	74.50
0200	For straight cuts, add					L.F.	4.56			4.56	5
0300	For curved cuts, add						5.60			5.60	6.15
0400	For straight banding, add	G					5.80			5.80	6.40
0500	For curved banding, add	G					7.05			7.05	7.75
0600	For aluminum checkered plate nosings, add	G				L.F.	7.55			7.55	8.35
0700	For straight toe plate, add	G					11.45			11.45	12.55
0800	For curved toe plate, add	G					13.30			13.30	14.65
1000	For cast aluminum abrasive nosings, add	G					11.10			11.10	12.20
1400	Extruded I bars are 10% less than 3/16" bars										
1600	Heavy duty, all extruded plank, 3/4" deep, 1.8 #/S.F.	G	E-4	1100	.029	S.F.	28.50	1.81	.13	30.44	34.50
1700	1-1/4" deep, 2.9 #/S.F.	G		1000	.032		37.50	2	.15	39.65	44
1800	1-3/4" deep, 4.2 #/S.F.	G		925	.035		43.50	2.16	.16	45.82	51
1900	2-1/4" deep, 5.0 #/S.F.	G		875	.037		70	2.28	.17	72.45	80.50
2100	For safety serrated surface, add						15%				

### 05 53 13.70 Floor Grating, Steel

0010	FLOOR GRATING, STEEL, field fabricated from panels										
0015	Made from recycled materials										
0300	Platforms, to 12' high, rectangular	G	E-4	3150	.010	Lb.	2.13	.63	.05	2.81	3.37
0400	Circular	G	"	2300	.014	"	4.11	.87	.06	5.04	5.95
0410	Painted bearing bars @ 1-3/16"										