

# 05 53 Metal Gratings

## 05 53 13 – Bar Gratings

### 05 53 13.70 Floor Grating, Steel

			Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
								Labor	Equipment		
0412	Cross bars @ 4" OC, 3/4" x 1/8" bar, up to 300 S.F.	G	E-2	500	.112	S.F.	9	6.85	4.96	20.81	26
0414	Over 300 S.F.	G		750	.075		8.20	4.57	3.31	16.08	19.6
0422	1-1/4" x 3/16", up to 300 S.F.	G		400	.140		13.85	8.55	6.20	28.60	35
0424	Over 300 S.F.	G		600	.093		12.60	5.70	4.13	22.43	27
0432	1-1/2" x 3/16", up to 300 S.F.	G		400	.140		16	8.55	6.20	30.75	37.5
0434	Over 300 S.F.	G		600	.093		14.55	5.70	4.13	24.38	29.5
0436	1-3/4" x 3/16", up to 300 S.F.	G		400	.140		22	8.55	6.20	36.75	44.5
0438	Over 300 S.F.	G		600	.093		20	5.70	4.13	29.83	35.5
0452	2-1/4" x 3/16", up to 300 S.F.	G		300	.187		26.50	11.45	8.25	46.20	55.5
0454	Over 300 S.F.	G		450	.124		24	7.60	5.50	37.10	44
0462	Cross bars @ 2" OC, 3/4" x 1/8", up to 300 S.F.	G		500	.112		16.30	6.85	4.96	28.11	34
0464	Over 300 S.F.	G		750	.075		13.60	4.57	3.31	21.48	25.5
0472	1-1/4" x 3/16", up to 300 S.F.	G		400	.140		19.80	8.55	6.20	34.55	42
0474	Over 300 S.F.	G		600	.093		16.50	5.70	4.13	26.33	31.5
0482	1-1/2" x 3/16", up to 300 S.F.	G		400	.140		22.50	8.55	6.20	37.25	44.5
0484	Over 300 S.F.	G		600	.093		18.55	5.70	4.13	28.38	34
0486	1-3/4" x 3/16", up to 300 S.F.	G		400	.140		33.50	8.55	6.20	48.25	57
0488	Over 300 S.F.	G		600	.093		28	5.70	4.13	37.83	44.5
0502	2-1/4" x 3/16", up to 300 S.F.	G		300	.187		29	11.45	8.25	48.70	58.5
0504	Over 300 S.F.	G		450	.124		24	7.60	5.50	37.10	44
0690	For galvanized grating, add						25%				
0800	For straight cuts, add					L.F.	6.50			6.50	7.1
0900	For curved cuts, add						8.25			8.25	9.1
1000	For straight banding, add	G					7.05			7.05	7.7
1100	For curved banding, add	G					9.20			9.20	10.1
1200	For checkered plate nosings, add	G					8.10			8.10	8.9
1300	For straight toe or kick plate, add	G					14.50			14.50	15.9
1400	For curved toe or kick plate, add	G					16.40			16.40	18.0
1500	For abrasive nosings, add	G					10.75			10.75	11.8
1510	For stair treads, see Section 05 55 13.50										
1600	For safety serrated surface, bearing bars @ 1-3/16" OC, add						15%				
1700	Bearing bars @ 15/16" OC, add						25%				
2000	Stainless steel gratings, close spaced, 1" x 1/8" bars, up to 300 S.F.	G	E-4	450	.071	S.F.	53.50	4.43	.33	58.26	66
2100	Standard spacing, 3/4" x 1/8" bars	G		500	.064		104	3.99	.30	108.29	120
2200	1-1/4" x 3/16" bars	G		400	.080		129	4.99	.37	134.36	150

## 05 53 16 – Plank Gratings

### 05 53 16.50 Grating Planks

0010	GRATING PLANKS, field fabricated from planks										
0020	Aluminum, 9-1/2" wide, 14 ga., 2" rib	G	E-4	950	.034	L.F.	36	2.10	.16	38.26	43
0200	Galvanized steel, 9-1/2" wide, 14 ga., 2-1/2" rib	G		950	.034		19.50	2.10	.16	21.76	25
0300	4" rib	G		950	.034		21	2.10	.16	23.26	26.5
0500	12 ga., 2-1/2" rib	G		950	.034		22	2.10	.16	24.26	27.5
0600	3" rib	G		950	.034		26.50	2.10	.16	28.76	32.5
0800	Stainless steel, type 304, 16 ga., 2" rib	G		950	.034		40.50	2.10	.16	42.76	48
0900	Type 316	G		950	.034		56	2.10	.16	58.26	65.5

## 05 53 19 – Expanded Metal Gratings

### 05 53 19.10 Expanded Grating, Aluminum

0010	EXPANDED GRATING, ALUMINUM										
1200	Expanded aluminum, .65 #/S.F.	G	E-4	1050	.030	S.F.	22	1.90	.14	24.04	27