

05 53 Metal Gratings

05 53 19 – Expanded Metal Gratings

05 53 19.20 Expanded Grating, Steel				Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P	
									Labor	Equipment			
0010	EXPANDED GRATING, STEEL												
2400	Expanded steel grating, at ground, 3.0 #/S.F.			G	E-4	900	.036	S.F.	8.70	2.22	.16	11.08	13.15
2500	3.14 #/S.F.			G		900	.036		6.50	2.22	.16	8.88	10.75
2600	4.0 #/S.F.			G		850	.038		7.20	2.35	.17	9.72	11.70
2650	4.27 #/S.F.			G		850	.038		8.70	2.35	.17	11.22	13.35
2700	5.0 #/S.F.			G		800	.040		14.90	2.49	.18	17.57	20.50
2800	6.25 #/S.F.			G		750	.043		19.20	2.66	.20	22.06	25.50
2900	7.0 #/S.F.			G		700	.046		21	2.85	.21	24.06	28
3100	For flattened expanded steel grating, add								8%				
3300	For elevated installation above 15', add									15%			

05 53 19.30 Grating Frame

0010	GRATING FRAME , field fabricated												
0020	Aluminum, for gratings 1" to 1-1/2" deep				G	1 Sswk	70	.114	L.F.	3.52	7.05	10.57	14.75
0100	For each corner, add				G				Ea.	5.25		5.25	5.80

05 54 Metal Floor Plates

05 54 13 – Floor Plates

05 54 13.20 Checkered Plates

0010	CHECKERED PLATES , steel, field fabricated												
0015	Made from recycled materials												
0020	1/4" & 3/8", 2000 to 5000 S.F., bolted	G	E-4	2900	.011	Lb.	1.46	.69	.05	2.20	2.73		
0100	Welded	G		4400	.007	"	1.46	.45	.03	1.94	2.35		
0300	Pit or trench cover and frame, 1/4" plate, 2' to 3' wide	G	▼	100	.320	S.F.	20.50	19.95	1.48	41.93	54.50		
0400	For galvanizing, add	G				Lb.	.30			.30	.33		
0500	Platforms, 1/4" plate, no handrails included, rectangular	G	E-4	4200	.008	↓	3.53	.48	.04	4.05	4.65		
0600	Circular	G	"	2500	.013	▼	4.42	.80	.06	5.28	6.15		

05 54 13.70 Trench Covers

0010	TRENCH COVERS, field fabricated												
0020	Cast iron grating with bar stops and angle frame, to 18" wide												
0100	Frame only (both sides of trench), 1" grating												
0150	2" grating												
0200	Aluminum, stock units, including frames and												
0210	3/8" plain cover plate, 4" opening												
0300	6" opening												
0400	10" opening												
0500	16" opening												
0700	Add per inch for additional widths to 24"												
0900	For custom fabrication, add												
1100	For 1/4" plain cover plate, deduct												
1500	For cover recessed for tile, 1/4" thick, deduct												
1600	3/8" thick, add												
1800	For checkered plate cover, 1/4" thick, deduct												
1900	3/8" thick, add												
2100	For slotted or round holes in cover, 1/4" thick, add												
2200	3/8" thick, add												
2300	For abrasive cover, add												