

03 35 Concrete Finishing

03 35 43 – Polished Concrete Finishing

03 35 43.10 Polished Concrete Floors

		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs Labor	Equipment	Total	Total Incl O&P
0010	POLISHED CONCRETE FLOORS									
0015	Processing of cured concrete to include grinding, honing,									
0020	and polishing of interior floors with 22" segmented diamond									
0025	planetary floor grinder (2 passes in different directions per grit)									
0100	Removal of pre-existing coatings, dry, with carbide discs using									
0105	dry vacuum pick-up system, final hand sweeping									
0110	Glue, adhesive or tar	J-4	1.60	15	M.S.F.	22	760	144	926	1,300
0120	Paint, epoxy, 1 coat		3.60	6.667		22	340	64	426	590
0130	2 coats	↓	1.80	13.333	↓	22	675	128	825	1,150
0200	Grinding and edging, wet, including wet vac pick-up and auto									
0205	scrubbing between grit changes									
0210	40-grit diamond/metal matrix	J-4A	1.60	20	M.S.F.	37.50	990	263	1,290.50	1,775
0220	80-grit diamond/metal matrix		2	16		37.50	790	210	1,037.50	1,450
0230	120-grit diamond/metal matrix		2.40	13.333		37.50	660	175	872.50	1,200
0240	200-grit diamond/metal matrix	↓	2.80	11.429		37.50	565	150	752.50	1,025
0300	Spray on dye or stain (1 coat)	1 Cefi	16	.500		202	26.50		228.50	261
0400	Spray on densifier/hardener (2 coats)	"	8	1		330	53		383	445
0410	Auto scrubbing after 2nd coat, when dry	J-4B	16	.500	↓		23	11.90	34.90	47
0500	Honing and edging, wet, including wet vac pick-up and auto									
0505	scrubbing between grit changes									
0510	100-grit diamond/resin matrix	J-4A	2.80	11.429	M.S.F.	37.50	565	150	752.50	1,025
0520	200-grit diamond/resin matrix	"	2.80	11.429	"	37.50	565	150	752.50	1,025
0530	Dry, including dry vacuum pick-up system, final hand sweeping									
0540	400-grit diamond/resin matrix	J-4A	2.80	11.429	M.S.F.	37.50	565	150	752.50	1,025
0600	Polishing and edging, dry, including dry vac pick-up and hand									
0605	sweeping between grit changes									
0610	800-grit diamond/resin matrix	J-4A	2.80	11.429	M.S.F.	37.50	565	150	752.50	1,025
0620	1500-grit diamond/resin matrix		2.80	11.429		37.50	565	150	752.50	1,025
0630	3000-grit diamond/resin matrix	↓	2.80	11.429		37.50	565	150	752.50	1,025
0700	Auto scrubbing after final polishing step	J-4B	16	.500	↓		23	11.90	34.90	47

03 37 Specialty Placed Concrete

03 37 13 – Shotcrete

03 37 13.30 Gunitite (Dry-Mix)

0010	GUNITITE (DRY-MIX)									
0020	Typical in place, 1" layers, no mesh included	C-16	2000	.028	S.F.	.52	1.40	.21	2.13	2.89
0100	Mesh for gunitite 2 x 2, #12	2 Rodm	800	.020		.89	1.21		2.10	2.79
0150	#4 reinforcing bars @ 6" each way	"	500	.032		2.43	1.94		4.37	5.55
0300	Typical in place, including mesh, 2" thick, flat surfaces	C-16	1000	.056		1.94	2.81	.41	5.16	6.75
0350	Curved surfaces		500	.112		1.94	5.60	.83	8.37	11.35
0500	4" thick, flat surfaces		750	.075		2.98	3.75	.55	7.28	9.45
0550	Curved surfaces	↓	350	.160		2.98	8.05	1.18	12.21	16.50
0900	Prepare old walls, no scaffolding, good condition	C-10	1000	.024			1.22		1.22	1.79
0950	Poor condition	"	275	.087			4.42		4.42	6.50
1100	For high finish requirement or close tolerance, add						50%			
1150	Very high						110%			

03 37 13.60 Shotcrete (Wet-Mix)

0010	SHOTCRETE (WET-MIX)									
0020	Wet mix, placed @ up to 12 C.Y./hour, 3000 psi	C-8C	80	.600	C.Y.	169	30	12.70	211.70	244
0100	Up to 35 C.Y./hour	C-8E	240	.200	"	152	9.80	4.87	166.67	188