

03 31 Structural Concrete

03 31 13 – Heavyweight Structural Concrete

03 31 13.70 Placing Concrete

		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
6240	4th floor level	C-8A	1000	.048	S.F.		Labor	Equipment	2.33	3.4

03 35 Concrete Finishing

03 35 13 – High-Tolerance Concrete Floor Finishing

03 35 13.30 Finishing Floors, High Tolerance

0010 FINISHING FLOORS, HIGH TOLERANCE

0012 Finishing of fresh concrete flatwork requires that concrete

0013 first be placed, struck off & consolidated

0015 Basic finishing for various unspecified flatwork

0100	Bull float only	C-10	4000	.006	S.F.		.30		.30	.49
0125	Bull float & manual float	"	2000	.012	"		.61		.61	.89
0150	Bull float, manual float & broom finish, w/edging & joints	C-10	1850	.013	S.F.		.66		.66	.97
0200	Bull float, manual float & manual steel trowel	"	1265	.019	"		.96		.96	1.41
0210	For specified Random Access Floors in ACI Classes 1, 2, 3 and 4 to achieve									
0215	Composite Overall Floor Flatness and Levelness values up to FF35/FL25									
0250	Bull float, machine float & machine trowel (walk-behind)	C-10C	1715	.014	S.F.		.71	.05	.76	1.10
0300	Power screed, bull float, machine float & trowel (walk-behind)	C-10D	2400	.010			.51	.07	.58	.82
0350	Power screed, bull float, machine float & trowel (ride-on)	C-10E	4000	.006	↓		.30	.08	.38	.54
0352	For specified Random Access Floors in ACI Classes 5, 6, 7 and 8 to achieve									
0354	Composite Overall Floor Flatness and Levelness values up to FF50/FL50									
0356	Add for two-dimensional restraightening after power float	C-10	6000	.004	S.F.		.20		.20	.30
0358	For specified Random or Defined Access Floors in ACI Class 9 to achieve									
0360	Composite Overall Floor Flatness and Levelness values up to FF100/FL100									
0362	Add for two-dimensional restraightening after bull float & power float	C-10	3000	.008	S.F.		.41		.41	.60
0364	For specified Superflat Defined Access Floors in ACI Class 9 to achieve									
0366	Minimum Floor Flatness and Levelness values of FF100/FL100									
0368	Add for 2-dim'l restraightening after bull float, power float, power trowel	C-10	2000	.012	S.F.		.61		.61	.89

03 35 16 – Heavy-Duty Concrete Floor Finishing

03 35 16.30 Finishing Floors, Heavy-Duty

0010 FINISHING FLOORS, HEAVY-DUTY

1800	Floor abrasives, dry shake on fresh concrete, .25 psf, aluminum oxide	1 Cefi	850	.009	S.F.	.41	.50		.91	1.18
1850	Silicon carbide		850	.009		.62	.50		1.12	1.41
2000	Floor hardeners, dry shake, metallic, light service, .50 psf		850	.009		.83	.50		1.33	1.64
2050	Medium service, .75 psf		750	.011		1.24	.57		1.81	2.20
2100	Heavy service, 1.0 psf		650	.012		1.66	.65		2.31	2.78
2150	Extra heavy, 1.5 psf		575	.014		2.48	.74		3.22	3.81
2300	Non-metallic, light service, .50 psf		850	.009		.18	.50		.68	.93
2350	Medium service, .75 psf		750	.011		.28	.57		.85	1.13
2400	Heavy service, 1.0 psf		650	.012		.37	.65		1.02	1.37
2450	Extra heavy, 1.5 psf	↓	575	.014	↓	.55	.74		1.29	1.69
2800	Trap rock wearing surface, dry shake, for monolithic floors									
2810	2.0 psf	C-10B	1250	.032	S.F.	.02	1.56	.25	1.83	2.60
3800	Dustproofing, liquid, for cured concrete, solvent-based, 1 coat	1 Cefi	1900	.004		.25	.22		.47	.61
3850	2 coats	"	1300	.006	↓	.91	.33		1.24	1.48
4000	Epoxy-based, 1 coat	1 Cefi	1500	.005	S.F.	.14	.28		.42	.56
4050	2 coats	"	1500	.005	"	.27	.28		.55	.71