

03 01 Maintenance of Concrete

03 01 30 – Maintenance of Cast-In-Place Concrete

03 01 30.62 Concrete Patching					Daily Crew	Labor- Output	Hours Unit	Material	2022 Bare Costs Labor	Equipment	Total	Total Incl O&P
0010 CONCRETE PATCHING												
0100	Floors, 1/4" thick, small areas, regular grout		1 Cefi	170	.047	S.F.		1.34	2.50		3.84	5.15
0150	Epoxy grout		"	100	.080	"		11.60	4.25		15.85	18.95
2000	Walls, including chipping, cleaning and epoxy grout											
2100	1/4" deep		1 Cefi	65	.123	S.F.		4.55	6.55		11.10	14.55
2150	1/2" deep			50	.160			9.10	8.50		17.60	22.50
2200	3/4" deep		↓	40	.200	↓		13.65	10.65		24.30	30.50

03 05 Common Work Results for Concrete

03 05 05 – Selective Demolition for Concrete

03 05 05.10 Selective Demolition, Concrete

0010	SELECTIVE DEMOLITION, CONCRETE	R024119-10										
0012	Excludes saw cutting, torch cutting, loading or hauling											
0050	Break into small pieces, reinf. less than 1% of cross-sectional area		B-9	24	1.667	C.Y.			76.50	13.85	90.35	129
0060	Reinforcing 1% to 2% of cross-sectional area			16	2.500				115	21	136	194
0070	Reinforcing more than 2% of cross-sectional area		↓	8	5	↓			230	41.50	271.50	385
0150	Remove whole pieces, up to 2 tons per piece		E-18	36	1.111	Ea.			69	22.50	91.50	130
0160	2-5 tons per piece			30	1.333				82.50	27	109.50	156
0170	5-10 tons per piece			24	1.667				103	34	137	196
0180	10-15 tons per piece		↓	18	2.222				138	45.50	183.50	261
0250	Precast unit embedded in masonry, up to 1 C.F.		D-1	16	1				50		50	75.50
0260	1-2 C.F.			12	1.333				67		67	100
0270	2-5 C.F.			10	1.600				80		80	120
0280	5-10 C.F.		↓	8	2	↓			100		100	151
0990	For hydrodemolition see Section 02 41 13.15											

03 05 13 – Basic Concrete Materials

03 05 13.20 Concrete Admixtures and Surface Treatments

0010	CONCRETE ADMIXTURES AND SURFACE TREATMENTS											
0040	Abrasives, aluminum oxide, over 20 tons					Lb.		1.47			1.47	1.62
0050	1 to 20 tons							1.53			1.53	1.68
0070	Under 1 ton							1.59			1.59	1.75
0100	Silicon carbide, black, over 20 tons							2.27			2.27	2.50
0110	1 to 20 tons							2.36			2.36	2.60
0120	Under 1 ton					↓		2.45			2.45	2.70
0200	Air entraining agent, .7 to 1.5 oz. per bag, 55 gallon drum					Gal.		17.70			17.70	19.45
0220	5 gallon pail							32			32	35.50
0300	Bonding agent, acrylic latex, 250 S.F./gallon, 5 gallon pail							27			27	29.50
0320	Epoxy resin, 80 S.F./gallon, 4 gallon case					↓		66			66	72.50
0400	Calcium chloride, 50 lb. bags, T.L. lots					Ton		950			950	1,050
0420	Less than truckload lots					Bag		19.95			19.95	22
0500	Carbon black, liquid, 2 to 8 lb. per bag of cement					Lb.		11.50			11.50	12.65
0600	Concrete admixture, integral colors, dry pigment, 5 lb. bag					Ea.		29.50			29.50	32.50
0610	10 lb. bag							51.50			51.50	57
0620	25 lb. bag					↓		80			80	88
0920	Dustproofing compound, 250 S.F./gal., 5 gallon pail					Gal.		11.40			11.40	12.55
1010	Epoxy based, 125 S.F./gal., 5 gallon pail					"		30.50			30.50	33.50
1100	Hardeners, metallic, 55 lb. bags, natural (grey)					Lb.		1.66			1.66	1.82
1200	Colors							1.42			1.42	1.57
1300	Non-metallic, 55 lb. bags, natural grey							.37			.37	.41
1320	Colors					↓		1.06			1.06	1.16