

# 04 05 Common Work Results for Masonry

## 04 05 16 – Masonry Grouting

04 05 16.30 Grouting		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0050	10" thick, 0.25 C.F./L.F.	D-4	1200	.027	L.F.	1.33	1.35	.12	2.80	3.61
0060	12" thick, 0.3 C.F./L.F.	↓	1040	.031	↓	1.59	1.56	.13	3.28	4.23
0200	Concrete block cores, solid, 4" thk., by hand, 0.067 C.F./S.F. of wall	D-8	1100	.036	S.F.	.36	1.86		2.22	3.18
0210	6" thick, pumped, 0.175 C.F./S.F.	D-4	720	.044		.93	2.25	.19	3.37	4.60
0250	8" thick, pumped, 0.258 C.F./S.F.		680	.047		1.37	2.38	.20	3.95	5.33
0300	10" thick, pumped, 0.340 C.F./S.F.		660	.048		1.80	2.45	.21	4.46	5.90
0350	12" thick, pumped, 0.422 C.F./S.F.		640	.050		2.24	2.53	.22	4.99	6.50
0500	Cavity walls, 2" space, pumped, 0.167 C.F./S.F. of wall		1700	.019		.89	.95	.08	1.92	2.50
0550	3" space, 0.250 C.F./S.F.		1200	.027		1.33	1.35	.12	2.80	3.61
0600	4" space, 0.333 C.F./S.F.		1150	.028		1.77	1.41	.12	3.30	4.18
0700	6" space, 0.500 C.F./S.F.		800	.040	↓	2.65	2.02	.17	4.84	6.15
0800	Door frames, 3' x 7' opening, 2.5 C.F. per opening		60	.533	Opng.	13.25	27	2.31	42.56	57.50
0850	6' x 7' opening, 3.5 C.F. per opening		45	.711	"	18.60	36	3.08	57.68	78
2000	Grout, C476, for bond beams, lintels and CMU cores	↓	350	.091	C.F.	5.30	4.62	.40	10.32	13.20

## 04 05 19 – Masonry Anchorage and Reinforcing

### 04 05 19.05 Anchor Bolts

0010	<b>ANCHOR BOLTS</b>									
0015	Installed in fresh grout in CMU bond beams or filled cores, no templates									
0020	Hooked, with nut and washer, 1/2" diameter, 8" long	1 Bric	132	.061	Ea.	2.23	3.35		5.58	7.50
0030	12" long	"	131	.061	"	2.48	3.37		5.85	7.80
0040	5/8" diameter, 8" long	1 Bric	129	.062	Ea.	3.06	3.43		6.49	8.50
0050	12" long		127	.063		3.76	3.48		7.24	9.40
0060	3/4" diameter, 8" long		127	.063		3.76	3.48		7.24	9.40
0070	12" long	↓	125	.064	↓	4.70	3.54		8.24	10.45

### 04 05 19.16 Masonry Anchors

0010	<b>MASONRY ANCHORS</b>									
0020	For brick veneer, galv., corrugated, 7/8" x 7", 22 ga.	1 Bric	10.50	.762	C	13.15	42		55.15	77.50
0100	24 ga.		10.50	.762		12.10	42		54.10	76.50
0150	16 ga.		10.50	.762		20.50	42		62.50	85.50
0200	Buck anchors, galv., corrugated, 16 ga., 2" bend, 8" x 2"		10.50	.762		50.50	42		92.50	119
0250	8" x 3"		10.50	.762		60.50	42		102.50	130
0660	Cavity wall, Z-type, galvanized, 6" long, 1/8" diam.		10.50	.762		23.50	42		65.50	89
0670	3/16" diameter		10.50	.762		29.50	42		71.50	95
0680	1/4" diameter		10.50	.762		38.50	42		80.50	105
0850	8" long, 3/16" diameter		10.50	.762		26.50	42		68.50	92.50
0855	1/4" diameter		10.50	.762		48.50	42		90.50	117
1000	Rectangular type, galvanized, 1/4" diameter, 2" x 6"		10.50	.762		76.50	42		118.50	147
1050	4" x 6"		10.50	.762		87.50	42		129.50	159
1100	3/16" diameter, 2" x 6"		10.50	.762		52	42		94	120
1150	4" x 6"		10.50	.762		53	42		95	122
1500	Rigid partition anchors, plain, 8" long, 1" x 1/8"		10.50	.762		183	42		225	265
1550	1" x 1/4"		10.50	.762		315	42		357	410
1580	1-1/2" x 1/8"		10.50	.762		217	42		259	300
1600	1-1/2" x 1/4"		10.50	.762		345	42		387	445
1650	2" x 1/8"		10.50	.762		320	42		362	415
1700	2" x 1/4"	↓	10.50	.762	↓	380	42		422	485

### 04 05 19.26 Masonry Reinforcing Bars

0010	<b>MASONRY REINFORCING BARS</b>	R040519-50								
0015	Steel bars A615, placed horiz., #3 & #4 bars	1 Bric	450	.018	Lb.	.73	.98		1.71	2.27
0020	#5 & #6 bars		800	.010		.73	.55		1.28	1.63
0050	Placed vertical, #3 & #4 bars		350	.023		.73	1.26		1.99	2.70
0060	#5 & #6 bars	↓	650	.012	↓	.73	.68		1.41	1.82