

03 15 Concrete Accessories

03 15 13 – Waterstops

03 15 13.50 Waterstops		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
7000	Vertical tee, 6" wide	1 Carp	25	.320	Ea.	19.20	18		37.20	48
7050	9" wide		25	.320		32.50	18		50.50	62.50
7500	Vertical ell, 6" wide		35	.229		23.50	12.85		36.35	44.50
7550	9" wide		35	.229		44.50	12.85		57.35	68

03 15 16 – Concrete Construction Joints

03 15 16.20 Control Joints, Saw Cut

0010 CONTROL JOINTS, SAW CUT										
0100	Sawcut control joints in green concrete									
0120	1" depth	C-27	2000	.008	L.F.	.03	.43	.08	.54	.74
0140	1-1/2" depth		1800	.009		.04	.47	.09	.60	.84
0160	2" depth		1600	.010		.05	.53	.10	.68	.95
0180	Sawcut joint reservoir in cured concrete									
0182	3/8" wide x 3/4" deep, with single saw blade	C-27	1000	.016	L.F.	.04	.85	.16	1.05	1.46
0184	1/2" wide x 1" deep, with double saw blades	"	900	.018	"	.08	.94	.18	1.20	1.66
0186	3/4" wide x 1-1/2" deep, with double saw blades	C-27	800	.020	L.F.	.16	1.06	.20	1.42	1.96
0190	Water blast joint to wash away laitance, 2 passes	C-29	2500	.003			.15	.04	.19	.26
0200	Air blast joint to blow out debris and air dry, 2 passes	C-28	2000	.004			.21	.02	.23	.33
0300	For backer rod, see Section 07 91 23.10									
0340	For joint sealant, see Section 03 15 16.30 or 07 92 13.20									
0900	For replacement of joint sealant, see Section 07 01 90.81									

03 15 16.30 Expansion Joints

0010 EXPANSION JOINTS										
0020	Keyed, cold, 24 ga., incl. stakes, 3-1/2" high	G	1 Carp	200	.040	L.F.	1.05	2.25	3.30	4.51
0050	4-1/2" high	G		200	.040		1.18	2.25	3.43	4.65
0100	5-1/2" high	G		195	.041		1.36	2.31	3.67	4.94
0150	7-1/2" high	G		190	.042		1.68	2.37	4.05	5.40
0160	9-1/2" high	G		185	.043		1.83	2.43	4.26	5.65
0300	Poured asphalt, plain, 1/2" x 1"		1 Clab	450	.018		.94	.81	1.75	2.24
0350	1" x 2"			400	.020		3.74	.91	4.65	5.45
0500	Neoprene, liquid, cold applied, 1/2" x 1"			450	.018		2.13	.81	2.94	3.55
0550	1" x 2"			400	.020		8.50	.91	9.41	10.70
0700	Polyurethane, poured, 2 part, 1/2" x 1"			400	.020		1.45	.91	2.36	2.96
0750	1" x 2"			350	.023		5.80	1.04	6.84	7.95
0900	Rubberized asphalt, hot or cold applied, 1/2" x 1"			450	.018		.55	.81	1.36	1.82
0950	1" x 2"			400	.020		2.28	.91	3.19	3.87
1100	Hot applied, fuel resistant, 1/2" x 1"			450	.018		.83	.81	1.64	2.12
1150	1" x 2"			400	.020		3.42	.91	4.33	5.10
2000	Premolded, bituminous fiber, 1/2" x 6"		1 Carp	375	.021		.41	1.20	1.61	2.24
2050	1" x 12"			300	.027		2.04	1.50	3.54	4.47
2140	Concrete expansion joint, recycled paper and fiber, 1/2" x 6"	G		390	.021		.47	1.15	1.62	2.24
2150	1/2" x 12"	G		360	.022		.94	1.25	2.19	2.90
2250	Cork with resin binder, 1/2" x 6"			375	.021		1.26	1.20	2.46	3.18
2300	1" x 12"			300	.027		3.53	1.50	5.03	6.10
2500	Neoprene sponge, closed cell, 1/2" x 6"			375	.021		3.15	1.20	4.35	5.25
2550	1" x 12"			300	.027		9.55	1.50	11.05	12.75
2750	Polyethylene foam, 1/2" x 6"			375	.021		.74	1.20	1.94	2.60
2800	1" x 12"			300	.027		3.93	1.50	5.43	6.55
3000	Polyethylene backer rod, 3/8" diameter			460	.017		.13	.98	1.11	1.60
3050	3/4" diameter			460	.017		.17	.98	1.15	1.65
3100	1" diameter			460	.017		.30	.98	1.28	1.79
3500	Polyurethane foam, with polybutylene, 1/2" x 1/2"			475	.017		1.43	.95	2.38	2.98
3550	1" x 1"		1 Carp	450	.018	L.F.	3.64	1	4.64	5.50