

# 07 51 Built-Up Bituminous Roofing

## 07 51 13 – Built-Up Asphalt Roofing

07 51 13.20 Built-Up Roofing Systems		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
5010	glass fiber felt (type IV), mopped	G-1	19	2.947	Sq.	185	137	29	351	455
5300	On nailable decks		18	3.111		162	144	30.50	336.50	445
5600	4 plies glass fiber felt (type IV), mopped		21	2.667		253	124	26	403	505
5800	On nailable decks	↓	20	2.800	↓	230	130	27.50	387.50	495

## 07 51 13.30 Cants

0010	<b>CANTS</b>									
0012	Lumber, treated, 4" x 4" cut diagonally	1 Rofc	325	.025	L.F.	1.96	1.22		3.18	4.1
0300	Mineral or fiber, trapezoidal, 1" x 4" x 48"		325	.025		.37	1.22		1.59	2.3
0400	1-1/2" x 5-5/8" x 48"	↓	325	.025	↓	.49	1.22		1.71	2.5

## 07 51 13.40 Felts

0010	<b>FELTS</b>									
0012	Glass fibered roofing felt, #15, not mopped	1 Rofc	58	.138	Sq.	9.95	6.85		16.80	22
0300	Base sheet, #80, channel vented		58	.138		48.50	6.85		55.35	64
0400	#70, coated		58	.138		19.25	6.85		26.10	32
0500	Cap, #87, mineral surfaced		58	.138		73.50	6.85		80.35	92
0600	Flashing membrane, #65		16	.500		10.35	25		35.35	51.5
0800	Coal tar fibered, #15, no mopping		58	.138		19.15	6.85		26	32
0900	Asphalt felt, #15, 4 sq./roll, no mopping		58	.138		4.43	6.85		11.28	15.5
1100	#30, 2 sq./roll		58	.138		8.70	6.85		15.55	20.5
1200	Double coated, #33		58	.138		12.35	6.85		19.20	24.5
1400	#40, base sheet		58	.138		11.35	6.85		18.20	23.5
1450	Coated and saturated		58	.138		12.45	6.85		19.30	25
1500	Tarred felt, organic, #15, 4 sq. rolls		58	.138		16.60	6.85		23.45	29.5
1550	#30, 2 sq. roll	↓	58	.138		27.50	6.85		34.35	41
1700	Add for mopping above felts, per ply, asphalt, 24 lb./sq.	G-1	192	.292		11	13.50	2.87	27.37	37.5
1800	Coal tar mopping, 30 lb./sq.		186	.301		19.80	13.95	2.96	36.71	48
1900	Flood coat, with asphalt, 60 lb./sq.		60	.933		27.50	43.50	9.20	80.20	110
2000	With coal tar, 75 lb./sq.	↓	56	1	↓	49.50	46.50	9.85	105.85	140

## 07 51 13.50 Walkways for Built-Up Roofs

0010	<b>WALKWAYS FOR BUILT-UP ROOFS</b>									
0020	Asphalt impregnated, 3' x 6' x 1/2" thick	1 Rofc	400	.020	S.F.	1.74	.99		2.73	3.5
0100	3' x 3' x 3/4" thick	1 Rofc	400	.020	S.F.	5	.99		5.99	7.5
0300	Concrete patio blocks, 2" thick, natural	1 Clab	115	.070		3.70	3.17		6.87	8.5
0400	Colors	"	115	.070	↓	2.42	3.17		5.59	7.5

# 07 52 Modified Bituminous Membrane Roofing

## 07 52 13 – Atactic-Polypropylene-Modified Bituminous Membrane Roofing

### 07 52 13.10 APP Modified Bituminous Membrane

0010	<b>APP MODIFIED BITUMINOUS MEMBRANE</b>									
0020	Base sheet, #15 glass fiber felt, nailed to deck	1 Rofc	58	.138	Sq.	11.95	6.85		18.80	24.5
0030	Spot mopped to deck	G-1	295	.190		15.45	8.80	1.87	26.12	33.5
0040	Fully mopped to deck	"	192	.292		21	13.50	2.87	37.37	48
0050	#15 organic felt, nailed to deck	1 Rofc	58	.138		6.40	6.85		13.25	18
0060	Spot mopped to deck	G-1	295	.190		9.95	8.80	1.87	20.62	27
0070	Fully mopped to deck	"	192	.292	↓	15.40	13.50	2.87	31.77	42
2100	APP mod., smooth surf. cap sheet, poly. reinf., torched, 160 mils	G-5	2100	.019	S.F.	.75	.86	.08	1.69	2.3
2150	170 mils		2100	.019		.68	.86	.08	1.62	2.3
2200	Granule surface cap sheet, poly. reinf., torched, 180 mils		2000	.020		.87	.90	.08	1.85	2.3
2250	Smooth surface flashing, torched, 160 mils		1260	.032		.75	1.43	.13	2.31	3.3
2300	170 mils		1260	.032		.68	1.43	.13	2.24	3.3