

07 52 Modified Bituminous Membrane Roofing

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

07 52 13.10 APP Modified Bituminous Membrane		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
2350	Granule surface flashing, torched, 180 mils	G-5	1260	.032	S.F.	.87	1.43	.13	2.43	3.43
2400	Fibrated aluminum coating	1 Rofc	3800	.002	↓	.10	.10		.20	.28
2450	Seam heat welding	"	205	.039	L.F.	.10	1.94		2.04	3.25

07 52 16 – Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing

07 52 16.10 SBS Modified Bituminous Membrane

0010 SBS MODIFIED BITUMINOUS MEMBRANE										
0080	Mod. bit. rfg., SBS mod, gran surf. cap sheet, poly. reinf.									
0650	120 to 149 mils thick	G-1	2000	.028	S.F.	1.27	1.30	.28	2.85	3.80
0750	150 to 160 mils		2000	.028		1.96	1.30	.28	3.54	4.56
1600	Smooth surface cap sheet, mopped, 145 mils		2100	.027		.85	1.24	.26	2.35	3.23
1620	Lightweight base sheet, fiberglass reinforced, 35 to 47 mil		2100	.027		.28	1.24	.26	1.78	2.60
1625	Heavyweight base/ply sheet, reinforced, 87 to 120 mil thick	↓	2100	.027		.87	1.24	.26	2.37	3.25
1650	Granulated walkpad, 180 to 220 mils	1 Rofc	400	.020		1.75	.99		2.74	3.53
1700	Smooth surface flashing, 145 mils	G-1	1260	.044		.85	2.06	.44	3.35	4.76
1800	150 mils		1260	.044		.49	2.06	.44	2.99	4.36
1900	Granular surface flashing, 150 mils		1260	.044		.65	2.06	.44	3.15	4.54
2000	160 mils	↓	1260	.044		.73	2.06	.44	3.23	4.62
2010	Elastomeric asphalt primer	1 Rofc	2600	.003		.16	.15		.31	.43
2015	Roofing asphalt, 30 lb./square	G-1	19000	.003	↓	.14	.14	.03	.31	.40
2020	Cold process adhesive, 20 to 30 mils thick	1 Rofc	750	.011	S.F.	.20	.53		.73	1.08
2025	Self adhering vapor retarder, 30 to 45 mils thick	G-5	2150	.019	"	1.01	.84	.08	1.93	2.56
2050	Seam heat welding	1 Rofc	205	.039	L.F.	.10	1.94		2.04	3.25

07 53 Elastomeric Membrane Roofing

07 53 16 – Chlorosulfonate-Polyethylene Roofing

07 53 16.10 Chlorosulfonated Polyethylene Roofing

0010 CHLOROSULFONATED POLYETHYLENE ROOFING										
0800	Chlorosulfonated polyethylene (CSPE)									
0900	45 mils, heat welded seams, plate attachment	G-5	35	1.143	Sq.	266	51.50	4.75	322.25	380
1100	Heat welded seams, plate attachment and ballasted		26	1.538		278	69.50	6.40	353.90	425
1200	60 mils, heat welded seams, plate attachment		35	1.143		365	51.50	4.75	421.25	490
1300	Heat welded seams, plate attachment and ballasted	↓	26	1.538	↓	375	69.50	6.40	450.90	535

07 53 23 – Ethylene-Propylene-Diene-Monomer Roofing

07 53 23.20 Ethylene-Propylene-Diene-Monomer Roofing

0010 ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING (EPDM)										
3500	Ethylene-propylene-diene-monomer (EPDM), 45 mils, 0.28 psf									
3600	Loose-laid & ballasted with stone (10 psf)	G-5	51	.784	Sq.	101	35.50	3.26	139.76	172
3700	Mechanically attached		35	1.143		95	51.50	4.75	151.25	193
3800	Fully adhered with adhesive	↓	26	1.538	↓	90	69.50	6.40	165.90	218
4500	60 mils, 0.40 psf									
4600	Loose-laid & ballasted with stone (10 psf)	G-5	51	.784	Sq.	118	35.50	3.26	156.76	190
4700	Mechanically attached		35	1.143		110	51.50	4.75	166.25	210
4800	Fully adhered with adhesive	↓	26	1.538		105	69.50	6.40	180.90	235
4810	45 mil, 0.28 psf, membrane only					64.50			64.50	71
4820	60 mil, 0.40 psf, membrane only					78.50			78.50	86.50
4850	Seam tape for membrane, 3" x 100' roll				ft.	42			42	46
4900	Batten strips, 10' sections					5.70			5.70	6.30
4910	Cover tape for batten strips, 6" x 100' roll				↓	156			156	172
4930	Plate anchors				M	105			105	115
4970	Adhesive for fully adhered systems, 60 S.F./gal.				S.F.	.70			.70	.77