

07 81 Applied Fireproofing

07 81 16 – Cementitious Fireproofing

07 81 16.10 Sprayed Cementitious Fireproofing		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Labor	Bare Costs Equipment	Total	Total Incl O&P
1410	Bonding agent	1 Pls	1000	.008	S.F.	.11	.41		.52	.7
1500	Intumescent epoxy fireproofing on wire mesh, 3/16" thick									
1550	1 hour rating, exterior use	G-2	136	.176	S.F.	7.85	8.40	1.02	17.27	22.5
1551	2 hour rating, exterior use		136	.176		7.85	8.40	1.02	17.27	22.5
1600	Magnesium oxychloride, 35# to 40# density, 1/4" thick		3000	.008		1.69	.38	.05	2.12	2
1650	1/2" thick		2000	.012		3.45	.57	.07	4.09	4.7
1700	60# to 70# density, 1/4" thick		3000	.008		2.19	.38	.05	2.62	3.0
1750	1/2" thick		2000	.012		4.40	.57	.07	5.04	5.7
2000	Vermiculite cement, troweled or sprayed, 1/4" thick		3000	.008		1.53	.38	.05	1.96	2.3
2050	1/2" thick		2000	.012		3.05	.57	.07	3.69	4.2

07 84 Firestopping

07 84 13 – Penetration Firestopping

07 84 13.10 Firestopping

0010	FIRESTOPPING	R078413-30								
0100	Metallic piping, non insulated									
0110	Through walls, 2" diameter	1 Carp	16	.500	Ea.	11.50	28		39.50	54.5
0120	4" diameter		14	.571		20	32		52	70
0130	6" diameter		12	.667		29.50	37.50		67	88.5
0140	12" diameter		10	.800		25	45		70	94.5
0150	Through floors, 2" diameter		32	.250		5.75	14.10		19.85	27.5
0160	4" diameter		28	.286		10.10	16.10		26.20	35
0170	6" diameter		24	.333		14.75	18.75		33.50	44.5
0180	12" diameter		20	.400		12.95	22.50		35.45	48
0190	Metallic piping, insulated									
0200	Through walls, 2" diameter	1 Carp	16	.500	Ea.	20	28		48	64
0210	4" diameter		14	.571		29.50	32		61.50	80.5
0220	6" diameter		12	.667		39.50	37.50		77	99.5
0230	12" diameter		10	.800		67.50	45		112.50	142
0240	Through floors, 2" diameter		32	.250		10.10	14.10		24.20	32
0250	4" diameter		28	.286		14.75	16.10		30.85	40.5
0260	6" diameter		24	.333		19.80	18.75		38.55	50
0270	12" diameter		20	.400		34	22.50		56.50	70.5
0280	Non metallic piping, non insulated									
0290	Through walls, 2" diameter	1 Carp	12	.667	Ea.	70	37.50		107.50	133
0300	4" diameter		10	.800		129	45		174	209
0310	6" diameter		8	1		247	56.50		303.50	355
0330	Through floors, 2" diameter		16	.500		44.50	28		72.50	90.5
0340	4" diameter	1 Carp	6	1.333	Ea.	81	75		156	201
0350	6" diameter	"	6	1.333	"	147	75		222	273
0370	Ductwork, insulated & non insulated, round									
0380	Through walls, 6" diameter	1 Carp	12	.667	Ea.	39.50	37.50		77	99.5
0390	12" diameter		10	.800		67.50	45		112.50	142
0400	18" diameter		8	1		82	56.50		138.50	175
0410	Through floors, 6" diameter		16	.500		19.80	28		47.80	64
0420	12" diameter		14	.571		14.75	32		46.75	64.5
0430	18" diameter		12	.667		17.80	37.50		55.30	75.5
0440	Ductwork, insulated & non insulated, rectangular									
0450	With stiffener/closure angle, through walls, 6" x 12"	1 Carp	8	1	Ea.	52	56.50		108.50	141
0460	12" x 24"		6	1.333		104	75		179	226
0470	24" x 48"		4	2		207	113		320	395