



Energy Efficiency Specialists™

Firestop Systems



System	F-Rating	Substrate	Assembly	Size of Penetration	Annular	Backing Depth	Material Depth
Concrete - Floor (Blank)							
FA 0012	3hr	Concrete	Floor		360sqin max	4-1/4" mineral	1/4" CP 604
FA 0008	2hr	Concrete	Floor		6" max	4-1/4" mineral	1/4" CP 604
Concrete - Floor/Wall (Mettalic)							
FA 1119	2hr	Concrete	Floor	8"Steel, 6" Conduit	0" to 2"	2" mineral	1/4" CP 604
FA 1105	2hr	Concrete	Floor	10"Steel,4"Conduit	0" to 2"	2" mineral	1/4" CP 604, FS1, Duct Wrap
FA 1029	2hr	Concrete	Floor	30"Steel,4"Cond.	0" to 7/8"	none	1/2" FS1
CAJ 1150	3hr	Concrete	Floor/Wall	6"Steel/4"Cond.	0-1-3/8"	4" mineral	1/4" 604, 606,601,FS-1
CAJ 1184	3hr	Concrete	Floor/Wall	10"Steel,4"Cond.	0" to 3-1/4"	none	1" FS1, bottom side install
FA 1028	2hr	Concrete	Floor	30"Steel,4"Cond.	0" to 1-7/8"	2" mineral	1/2" FS1
FA 1014	2hr	Concrete	Floor	12"Steel,4"Cond.	0" to 1-7/8"	none	1" FS1
CAJ 1575	2hr	Concrete	Floor/Wall	30"Steel,4"Cond.	0" to Varies	Optional	1/2" to 1" FS1
Concrete - Floor/Wall (Insulated)							
CAJ 5096	2hr	Concrete	Floor/Wall	12"Steel, 6"Copper	1/2" to 1-7/8"	1-1/2" mineral	1" FS1
CAJ 5091	2hr	Concrete	Floor/Wall	12"Steel, 6"Copper	1/2" to 2-1/4"	4" mineral	1/2" FS1
FA 5042	2hr	Concrete	Floor	8"Steel, 4"Copp	1/2" to 2"	4" mineral	1/2" CP 604
FA 5021	2hr	Concrete	Floor	12"Steel, 6"Copp	1/2" to 1-7/8"	1-1/2" mineral	1" FS 1
Concrete - Floor/Wall (Duct)							
CAJ 7084	2hr	Concrete	Floor/Wall	20" HVAC Duct	0" to 1-1/2"	3-1/2" mineral	1" multiple material allowed
CAJ 7051	3hr	Concrete	Floor/Wall	30"x30" Duct	1/4" to 1-3/4"	3-1/2" mineral	1" FS 1 and CP 606

Concrete - Floor/Wall (Multiple)

CAJ 8143	2hr	Concrete	Floor/Wall	24"Steel,4"Cond.	12" max	4" mineral	1/2" FS1
CAJ 8099	3hr	Concrete	Floor/Wall	3"Steel & Condu.	1/2" to 5"	4" mineral	1/2" FS1

Gypsum - Wall (Metallic)

WL 1389	1 & 2hr	Gypsum	Wall	Multiple 2"	0" to 1-1/4"	none	5/8" CP 606, or FS1
WL 1297	1 & 2hr	Gypsum	Wall	30"Steel,6"Cond.	5/8" & 1-1/4"	none	5/8"CP 606
WL 1290	1 & 2hr	Gypsum	Wall	4"Steel, Conduit	0" to 1/2"	none	5/8"CP 606
WL 1440	1 & 2hr	Gypsum	Wall	max 1" w/ outlet	0" to 1-1/8"	none	5/8" FS 1
WL 1412	1 & 2hr	Gypsum	Wall	2" Steel, Conduit	0" to 3/4"	none	5/8" FS 1 Half in wall plane
WL 1205	1 & 2hr	Gypsum	Wall	8"Steel, 6" Cond.	1/4" to 1-5/8"	2-1/8" mineral	1" FS 1
WL 1176	1 & 2hr	Gypsum	Wall	2"max multiple	1/2" to 2-3/8"	2-1/2" to 3-3/4"	5/8" FS 1
WL 1054	1 & 2hr	Gypsum	Wall	30"Steel,6"Cond.	0" to 2-1/4"	none	5/8" FS 1

Gypsum - Wall (Insulated)

WL 5257	1 & 2hr	Gypsum	Wall	4"Steel, Copper	0" to 7/8"	none	5/8"CP 606
WL 5240	2hr	Gypsum	Wall	8"Steel,4"Copp	1/4" to 1-1/8"	none	1" FS 1
WL 5096	1 & 2hr	Gypsum	Wall	12"Steel,6"Copp	0" to 1-7/8"	none	5/8" FS 1

Gypsum - Wall (Duct)

WL 7151	1 & 2hr	Gypsum	Wall	24"x48" Duct	1/4" to 1-1/4"	3-1/2" mineral	5/8" FS 1
WL 7153	1 & 2hr	Gypsum	Wall	20" Round Duct	1/4" to 1"	none	5/8" or 1-1/4" FS1
WL 7130	1 & 2hr	Gypsum	Wall	1-5/8" Unistrut	1/8" to 7/8"	1/2" mineral	5/8" CP 606, or FS1
WL 7040	1 & 2hr	Gypsum	Wall	24"x48" Duct	0" to 2"	none	5/8" multiple material
WL 7121	1 & 2hr	Gypsum	Wall	30"x24" Duct	0" to 2"	3-1/2" mineral	1/4"FS 1
WL 7042	1 & 2hr	Gypsum	Wall	20" Round Duct	0" to 1-1/2"	none	5/8", 1-1/4" multiple material

Gypsum - Wall (Multiple)

WL 8065	1 & 2hr	Gypsum	Wall	Multiple 3"	0" to 22"	3-1/2"& 4-3/4"	5/8" FS 1
WL 8079	1 & 2hr	Gypsum	Wall	4"Steel,3"Conduit	0" to 22"	3-1/2"& 4-3/4"	5/8" FS 1