

## Flame Tech Firestopping System Schedule - Revised November 2010

### Wood Floor / Ceiling Assemblies

<b>Metallic Piping</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
4" (or smaller) Copper Pipe	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 7/8"	Firestop-814+	F-C-1143
4" (or smaller) Copper Tubing	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 7/8"	Firestop-814+	F-C-1143
4" (or smaller) Steel Pipe	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 7/8"	Firestop-814+	F-C-1143
4" (or smaller) Steel Pipe	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1/2"	Firestop-814+	F-C-1144
4" (or smaller) Iron Pipe	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 7/8"	Firestop-814+	F-C-1143
4" (or smaller) Iron Pipe	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1/2"	Firestop-814+	F-C-1144
4" (or smaller) Conduit	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 7/8"	Firestop-814+	F-C-1143
4" (or smaller) Conduit	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1/2"	Firestop-814+	F-C-1144

<b>Steel Duct</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
6" (or smaller) Steel Duct	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1"	Firestop-814+	F-C-7053

<b>Insulated Metallic Piping</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
4" (or smaller) Copper Pipe	1 Hr	Wood Floor-Ceiling (L500)	Min. 1/4" to Max 5/8"	Firestop-814+	F-C-5083
4" (or smaller) Copper Tubing	1 Hr	Wood Floor-Ceiling (L500)	Min. 1/4" to Max 5/8"	Firestop-814+	F-C-5083
4" (or smaller) Steel Pipe	1 Hr	Wood Floor-Ceiling (L500)	Min. 1/4" to Max 5/8"	Firestop-814+	F-C-5083

<b>NonMetallic Piping</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
1" (or smaller) PEX Tubing	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 1/2"	Firestop-814+	F-C-2337
4" (or smaller) PVC Pipe	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 1/2"	Firestop-814+	F-C-2337
4" (or smaller) PVC Pipe	1 Hr	Wood Floor-Ceiling (L500)	Min/Max 1/2"	AD Collar/ AD Silicone	F-C-2154
4" (or smaller) PVC Pipe	1 Hr	Wood Floor-Ceiling (L505,511, 536)	Min/Max 1/2"	AD Collar/ AD Silicone	F-C-2914
4" (or smaller) CPVC Pipe	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 1/2"	Firestop-814+	F-C-2337
4" (or smaller) CPVC Pipe	1 Hr	Wood Floor-Ceiling (L500)	Min/Max 1/2"	AD Collar/ AD Silicone	F-C-2154
4" (or smaller) CPVC Pipe	1 Hr	Wood Floor-Ceiling (L505,511, 536)	Min/Max 1/2"	AD Collar/ AD Silicone	F-C-2914
4" (or smaller) ABS Pipe	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 1/2"	Firestop-814+	F-C-2337
4" (or smaller) ABS Pipe	1 Hr	Wood Floor-Ceiling (L505,511, 536)	Min/Max 1/2"	AD Collar/ AD Silicone	F-C-2914
4" (or smaller) Rigid Nonmetallic Conduit	1 Hr	Wood Floor-Ceiling (L500)	Min/Max 1/2"	AD Collar/ AD Silicone	F-C-2154
4" (or smaller) Rigid Nonmetallic Conduit	1 Hr	Wood Floor-Ceiling (L505,511, 536)	Min/Max 1/2"	AD Collar/ AD Silicone	F-C-2914

## Wood Floor / Ceiling Assemblies Continued...

Wiring / Cables	F Rating	Assembly	Annular Space Size	Firestopping Product	System #
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### Cable Bundles

Max 2/C, No. 12 AWG MC	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 5/8"	Firestop-814+	F-C-3095
Max 3/C, 12 AWG ( or smaller)	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 5/8"	Firestop-814+	F-C-3095
Max 25, No. 20 AWG (or smaller)	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 5/8"	Firestop-814+	F-C-3095
Max RG59/U (or smaller)	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 5/8"	Firestop-814+	F-C-3095
Max 4 No. 24 AWG (or smaller)	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 5/8"	Firestop-814+	F-C-3095
Max 2/C, No. 22 AWG (or smaller)	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 5/8"	Firestop-814+	F-C-3095
Max 1/C, No. 14 AWG (or smaller)	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 5/8"	Firestop-814+	F-C-3095
Max 4/C, No. 18 AWG	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 5/8"	Firestop-814+	F-C-3095
Max 3/C, No. 18	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 5/8"	Firestop-814+	F-C-3095
Max 6/C	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 5/8"	Firestop-814+	F-C-3095

### Cable Bundles

Max 25, No. 24 AWG	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 3/4"	Firestop-814+	F-C-3096
Max 4, No. 24 AWG	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 3/4"	Firestop-814+	F-C-3096
Max 2/C , 12 AWG	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 3/4"	Firestop-814+	F-C-3096
Max RG59/U (or smaller)	1 Hr	Wood Floor-Ceiling (L500) W/ Chase wall	Point Contact to 3/4"	Firestop-814+	F-C-3096

### Cable Bundles

Max 750 MCM	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1"	Firestop-814+	F-C-3097
Max 8C, No. 12 AWG	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1"	Firestop-814+	F-C-3097
Max 300, No. 24 AWG	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1"	Firestop-814+	F-C-3097
Max 25, 24 AWG	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1"	Firestop-814+	F-C-3097
Max 4/C, No. 18 AWG (or smaller)	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1"	Firestop-814+	F-C-3097
Max 3C, No. 12 AWG (or smaller)	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1"	Firestop-814+	F-C-3097
Max 3/C, 2/0 AWG	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1"	Firestop-814+	F-C-3097
Max 3/C, No. 6 AWG	1 Hr	Wood Floor-Ceiling (L500)	Point Contact to 1"	Firestop-814+	F-C-3097

## Gypsum Wall Assemblies

<b>Metallic Piping</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
4" (or smaller) Copper Pipe	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 1 7/8"	Firestop-814+	W-L-2494
4" (or smaller) Copper Tubing	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 1 7/8"	Firestop-814+	W-L-2494
12" (or smaller) Steel Pipe	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 1 3/4"	Firestop-814+	W-L-2494
12" (or smaller) Iron Pipe	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 1 3/4"	Firestop-814+	W-L-2494
6" (or smaller) Conduit	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 1 7/8"	Firestop-814+	W-L-2494
6" (or smaller) EMC	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 1 7/8"	Firestop-814+	W-L-2494

<b>Insulated Metallic Piping</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
1" (or smaller) Copper Pipe	1 & 2 Hr	Gypsum Wall (U300 / U400 / V400)	Point Contact to 1 7/8"	Firestop-814+	W-L-8084
1" (or smaller) Copper Tubing	1 & 2 Hr	Gypsum Wall (U300 / U400 / V400)	Point Contact to 1 7/8"	Firestop-814+	W-L-8084
1" (or smaller) Steel Pipe	1 & 2 Hr	Gypsum Wall (U300 / U400 / V400)	Point Contact to 1 7/8"	Firestop-814+	W-L-8084
1" (or smaller) Iron Pipe	1 & 2 Hr	Gypsum Wall (U300 / U400 / V400)	Point Contact to 1 7/8"	Firestop-814+	W-L-8084

<b>Steel Duct</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
8" x 8" (or smaller) Steel Duct	1 & 2 Hr	Gypsum Wall (U400)	Min. 1/4" to Max. 1 1/4"	Firestop-814+	W-L-7187
23 x 23" (or smaller) Steel Duct	1 & 2 Hr	Gypsum Wall (U400)	Point Contact to 1"	Firestop-814+	W-L-7147

<b>NonMetallic Piping</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
1" (or smaller) PEX Tubing	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 1 1/4"	Firestop-814+	W-L-2539
1 1/2" (or smaller) PVC Pipe	1 & 2 Hr	Gypsum Wall (U300 / U400 / V400)	Min. 1/4" to Max. 1/2"	AD Putty II	W-L-2491
1 1/2" (or smaller) CPVC Pipe	1 & 2 Hr	Gypsum Wall (U300 / U400 / V400)	Min. 1/4" to Max. 1/2"	AD Putty II	W-L-2491
2" (or smaller) PVC Pipe	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 1 1/4"	Firestop-814+	W-L-2539
2" (or smaller) CPVC Pipe	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 1 1/4"	Firestop-814+	W-L-2539
2" (or smaller) ENT	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 1 1/4"	Firestop-814+	W-L-2539
6" (or smaller) PVC Pipe	2 Hr	Gypsum Wall (U300 / U400)	Min/Max 1/4"	AD Collar/ AD Silicone	W-L-2155
6" (or smaller) CPVC Pipe	2 Hr	Gypsum Wall (U300 / U400)	Min/Max 1/4"	AD Collar/ AD Silicone	W-L-2155
6" (or smaller) Rigid Nonmetallic Conduit	2 Hr	Gypsum Wall (U300 / U400)	Min/Max 1/4"	AD Collar/ AD Silicone	W-L-2155

## Gypsum Wall Assemblies Continued...

Wiring / Cables	F Rating	Assembly	Annular Space Size	Firestopping Product	System #
<b>Cable Bundles</b>					
Max 2/C, No. 12 AWG MC	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308
Max 3/C, 12 AWG ( or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308
Max 3/C, No. 10 AWG (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308
Max 25, No. 20 AWG (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308
Max RG59/U (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308
Max 4 No. 24 AWG (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308
Max 2/C, No. 22 AWG (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308
Max 1/C, No. 14 AWG (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308
Max 4/C, No. 18 AWG	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308
Max 1/C, No. 10 AWG ( or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308
Max 3/C, No. 4/0	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3308

### Cable Bundles

Max 2/C, No. 12 AWG MC	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Max 3/C, 12 AWG ( or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Max 8C, No. 12 AWG	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Max 25, No. 24 AWG (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Max RG6 (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Max 4 No. 24 AWG (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Max 1/C, No. 18 AWG (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Max 1/C, No. 14 AWG (or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Max 1/C, No. 10 AWG ( or smaller)	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Optical Fiber Cable	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Max 3/C, 4/0 AWG	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309
Max 3/C, No. 18 AWG	1 & 2 Hr	Gypsum Wall (U300 / U400)	Point Contact to 2"	Firestop-814+	W-L-3309

## Concrete Floor / Wall Assemblies

<b>Metallic Piping</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
1 1/2" (or smaller) Steel Pipe	3 hr	Concrete Floor/ Wall (4 1/2" )	Min. 3/8" to Max. 3/4"	AD Putty II	C-AJ-1559
1 1/2" (or smaller) Conduit	3 hr	Concrete Floor/ Wall (4 1/2" )	Min. 3/8" to Max. 3/4"	AD Putty II	C-AJ-1559
4" (or smaller) Copper Pipe	2 Hr	Concrete Floor (D900)	Point Contact to 1 7/8"	Firestop-814+	F-A-1096
4" (or smaller) Copper Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-1571
4" (or smaller) Copper tubing	2 Hr	Concrete Floor (D900)	Point Contact to 1 7/8"	Firestop-814+	F-A-1096
4" (or smaller) Conduit	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1 7/8"	Flame Guard-814	C-AJ-1549
6" (or smaller) Copper Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1 7/8"	Flame Guard-814	C-AJ-1549
6" (or smaller) Copper Tubing	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1 7/8"	Flame Guard-814	C-AJ-1549
6" (or smaller) Conduit	2 Hr	Concrete Floor (D900)	Point Contact to 1 7/8"	Firestop-814+	F-A-1096
6" (or smaller) Conduit	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1 7/8"	Flame Guard-814	C-AJ-1549
8" (or smaller) Steel Pipe	2 Hr	Concrete Floor (D900)	Point Contact to 1 7/8"	Firestop-814+	F-A-1096
8" (or smaller) Iron Pipe	2 Hr	Concrete Floor (D900)	Point Contact to 1 7/8"	Firestop-814+	F-A-1096
18" (or smaller) Steel Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1 7/8"	Flame Guard-814	C-AJ-1549
18" (or smaller) Iron Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1 7/8"	Flame Guard-814	C-AJ-1549

### Mutliple Metallic Pipes - Max 8 Pipes

2" (or smaller) Flexible Metal Gas Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 3 1/4"	Firestop-814+	C-AJ-8197
3" (or smaller) Copper Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 3 1/4"	Firestop-814+	C-AJ-8197
3" (or smaller) Copper Tubing	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 3 1/4"	Firestop-814+	C-AJ-8197
4" (or smaller) Conduit	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 3 1/4"	Firestop-814+	C-AJ-8197
6" (or smaller) Steel Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 3 1/4"	Firestop-814+	C-AJ-8197

<b>Steel Duct</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
30" x 30" Steel Duct	3 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2"	Firesop-814+	C-AJ-7121

<b>Insulated Metallic Piping</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
2" (or smaller) Copper Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2"	Firesop-814+	C-AJ-8198
2" (or smaller) Copper Tubing	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2"	Firesop-814+	C-AJ-8198
2" (or smaller) Steel Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2"	Firesop-814+	C-AJ-8198
2" (or smaller) Conduit	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2"	Firesop-814+	C-AJ-8198
4" (or smaller) Copper Pipe	2 Hr	Concrete Wall ( 4 1/2")	Point Contact to 1 7/8"	Firesop-814+	W-J-5144
4" (or smaller) Copper Tubing	2 Hr	Concrete Wall ( 4 1/2")	Point Contact to 1 7/8"	Firesop-814+	W-J-5144
4" (or smaller) Steel Pipe	2 Hr	Concrete Wall ( 4 1/2")	Point Contact to 1 7/8"	Firesop-814+	W-J-5144
4" (or smaller) Iron Pipe	2 Hr	Concrete Wall ( 4 1/2")	Point Contact to 1 7/8"	Firesop-814+	W-J-5144
4" (or smaller) Conduit	2 Hr	Concrete Wall ( 4 1/2")	Point Contact to 1 7/8"	Firesop-814+	W-J-5144

**Concrete Floor / Wall Assemblies Continued...**

<b>NonMetallic Piping</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
1 1/2" (or smaller) PVC	2 Hr	Concrete Wall (5 ")	Min. 1/4" to Max. 1/2"	AD Putty II	W-L-2491
1 1/2" (or smaller) CPVC	2 Hr	Concrete Wall (5 ")	Min. 1/4" to Max. 1/2"	AD Putty II	W-L-2491
2" (or smaller) PVC Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1 5/8"	Firesop-814+	C-AJ-2590
2" (or smaller) CPVC Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1 5/8"	Firesop-814+	C-AJ-2590
2" (or smaller) ABS Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1 5/8"	Firesop-814+	C-AJ-2590
4" (or smaller) PVC Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1/2"	AD Collar	C-AJ-2187
4" (or smaller) CPVC Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1/2"	AD Collar	C-AJ-2187
4" (or smaller) Rigid Nonmetallic Conduit	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1/2"	AD Collar	C-AJ-2187
6" (or smaller) PVC Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 3/8"	AD Collar	C-AJ-2186
6" (or smaller) CPVC Pipe	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 3/8"	AD Collar	C-AJ-2186
6" (or smaller) Rigid Nonmetallic Conduit	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 3/8"	AD Collar	C-AJ-2186

<b>Wiring / Cables</b>	<b>F Rating</b>	<b>Assembly</b>	<b>Annular Space Size</b>	<b>Firestopping Product</b>	<b>System #</b>
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**Cable Bundles**

Max 2/C, No. 12 AWG MC	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 3/C, No. 8 AWG (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 3/C, No. 10 AWG (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 25, No. 20 AWG (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max RG59/U (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 4 No. 24 AWG (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 2/C, No. 22 AWG (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 1/C, No. 14 AWG (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 1/C, No. 10 AWG ( or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 4/C, No. 18 AWG	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 3/C, No. 4 AWG	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 1/C 300 MCM	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 6/C Fieber Optic Cable	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 3/C, No. 18 AWG	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264
Max 4, No. 24 AWG	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 2 3/4"	Firestop-814+	C-AJ-3264

**Cable Bundles**

Max 7/C, No. 12 AWG (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1"	Flame Guard-814	C-AJ-3258
Max 25, No. 24 AWG (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1"	Flame Guard-814	C-AJ-3258

## Concrete Floor / Wall Assemblies Continued (Wiring / Cables)

Max 3/C, No. 2/0 (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1"	Flame Guard-814	C-AJ-3258
Max 350 Kcmil (or smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Point Contact to 1"	Flame Guard-814	C-AJ-3258

### Cable Bundles

Max 2/C, No. 12 AWG MC	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Max 3/C, 12 AWG ( or smaller)	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Max 8C, No. 12 AWG	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Max 25, No. 24 AWG (or smaller)	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Max RG6 (or smaller)	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Max 4, No. 24 AWG	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Max 1/C, No. 18 AWG (or smaller)	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Max 1/C, No. 14 AWG (or smaller)	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Max 1/C, No. 10 AWG ( or smaller)	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Optical Fiber Cable	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Max 3/C, No. 4/0	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165
Max 3/C, No. 18 AWG	2 Hr	Concrete Wall (6")	Point Contact to 2"	Firestop-814+	W-J-3165

### Cable Bundles

Max 4, No. 24 AWG	4 Hr	Concrete Floor/ Wall ( 5 1/2" )	Min. 3/8" to Max. 5/8"	AD Putty II	C-AJ-3275
Max 3/C, No. 8 AWG (or smaller)	4 Hr	Concrete Floor/ Wall ( 5 1/2" )	Min. 3/8" to Max. 5/8"	AD Putty II	C-AJ-3275

### Cable Bundles

Max 3/C, No. 2/0 AWG (or Smaller)	2 Hr	Concrete Floor/ Wall (4 1/2" )	Min. 1/2" to Max. 1"	AD Putty II	C-AJ-3274
Max 150 , No. 24 AWG	2 Hr	Concrete Floor/ Wall (4 1/2" )	Min. 1/2" to Max. 1"	AD Putty II	C-AJ-3274
Max 1/C 350 kcmil	2 Hr	Concrete Floor/ Wall (4 1/2" )	Min. 1/2" to Max. 1"	AD Putty II	C-AJ-3274
Max 62.5/48 Fiber Optic Cable	2 Hr	Concrete Floor/ Wall (4 1/2" )	Min. 1/2" to Max. 1"	AD Putty II	C-AJ-3274

### Cable Tray

Max 3, No. 24 AWG (or smaller)	3 Hr	Concrete Floor/Wall (5")	Min. 1 1/2" to Max 7"	AD Pillow	C-AJ-4046
Max 2 Fiber 62.5 /125 Fiber Optic Cable	3 Hr	Concrete Floor/Wall (5")	Min. 1 1/2" to Max 7"	AD Pillow	C-AJ-4046
Max RG/U (or smaller)	3 Hr	Concrete Floor/Wall (5")	Min. 1 1/2" to Max 7"	AD Pillow	C-AJ-4046

### Cable Tray

Max 287 Lengths, 3 qty 24 AWG	3 Hr	Concrete Floor/ Wall (4 1/2" )	Min. 1 1/2" to Max 7"	AD Pillow	C-AJ-4052
Max 24 lengths, Fiber Optic Cable	3 Hr	Concrete Floor/ Wall (4 1/2" )	Min. 1 1/2" to Max 7"	AD Pillow	C-AJ-4052
Max 12 Lengths Co-axial Cable, 22 AWG	3 Hr	Concrete Floor/ Wall (4 1/2" )	Min. 1 1/2" to Max 7"	AD Pillow	C-AJ-4052
Max 12 Lengths Data cabel, 24 AWG	3 Hr	Concrete Floor/ Wall (4 1/2" )	Min. 1 1/2" to Max 7"	AD Pillow	C-AJ-4052

## Concrete Floor / Wall Assemblies Continued...

Open Voids	F Rating	Assembly	Annular Space Size	Firestopping Product	System #
4" Open Void	2 Hr	Concrete Floor/ Wall (4 1/2" )	Max. 4"	Flame Guard-814	C-AJ-0121
144" Square Inches	3 Hr	Concrete Floor/Wall (5")	Max. 144 Sq. In.	AD Pillow	C-AJ-0067

## Head-Of-Wall

Wall to Floor	F Rating	Assembly	Joint System	Firestopping Product	System #
Gypsum Wall to Fluted Steel/Concrete Floor	1 & 2 Hr	Fluted Steel Deck/ Concrete Floor (D900)	Max. 3/4"	Firestop-814+	HW-D-0448
Gypsum Wall to Fluted Steel/Concrete Floor	1 & 2 Hr	Fluted Steel Deck/ Concrete Floor (D700 /D900)	Max. 2"	Firestop-814+	HW-D-0523

## Flame Tech Firestopping Products

5180 Indiana Avenue

Winston-Salem, NC 27106

Ph: 1-800-638-3160 Fx: 336-661-7969

[www.firestoppingcaulk.com](http://www.firestoppingcaulk.com)