

Firestopping Worksheet

Required Compliance With OBBC Section: 4101:2-1-19

Project Name: _____

Site Address: _____ Architect: _____

Owner / Contact: _____ Contact: _____

Phone Number: _____ Phone Number: _____

Construction Type: _____ Submitted By: _____

Use Group: _____ Date: _____

Penetrating Item / Fire Rated Joint	Concrete/Precast Floors Rating: ____ Hr.	Concrete or CMU Walls Rating: ____ Hr.	Gypsum Walls Metal/Wood Stud Rating: ____ Hr.	Wood Frame Floor/Ceiling Assy. Rating: ____ Hr.
Fire Rated Joints				
Perimeter Edge Joints				
Construction/Expansion Joints				
Top of Wall to Fluted Floor/Roof Deck				
Plumbing				
Copper/Steel Pipe				
Plastic Supply Lines				
<2" PVC/ABS Plastic Pipe				
>2" PVC/ABS Plastic Pipe				
Plastic Water Closet Flange				
Plastic Tub Drains				
Mechanical				
Steel Pipes				
CPVC Sprinkler Pipe				
Fiberglass Insulated Metallic Pipe				
AB/PVC Insulated Metallic Pipe				
A/C Line Set/Fan Coil				
Air Ducts				
Insulated Air Ducts				
Grease Duct - Wrap System				
Electrical				
Metallic Conduit				
Plastic Conduit/Inner Duct				
Cables				
Cable Tray				
Bus Duct				

Ohio Basic Building Code Section 4101:2-1-19 (D)

Construction documents shall indicate how penetrations will be made for electrical, mechanical, plumbing, and communications conduits, pipes and systems, and shall indicate the materials and methods for maintaining the required structural integrity, fire resistance rating and firestopping.

Instructions:

Please fill in all project information in the header section. Next, list the fire resistance rating of all applicable separations. Finally, indicate the corresponding UL Firestopping System Number (found in UL Fire Resistance Directory Vol. 2) for all applicable conditions found in the project.

Example:

Penetrating Item / Fire Rated Joint	Concrete/Precast Floors Rating 2 Hr.	Concrete or CMU Walls Rating 2 Hr.	Gypsum Walls Metal/Wood Stud Rating 2 Hr.	Wood Frame Floor/Ceiling Assy. Rating 1 Hr.
Fire Rated Joints				
Perimeter Edge Joints	FWD-1003	WWD-1001	WWD-1001	
Construction/Expansion Joints	FFD-1001	WWD-1007		
Top of Wall to Fluted Floor/Roof Deck	HWD-1006	HWD-1006	HWD-0034	
Plumbing				
Copper/Steel Pipe	CAJ-1079	CAJ-1079	WL-1049	FC-1013
Plastic Supply Lines	CAJ-2031	WJ-2018	WL-2093	FC-2032
<2" PVC/ABS Plastic Pipe	CAJ-2064	CAJ-2064	WL-2048	FC-2019
>2" PVC/ABS Plastic Pipe	CAJ-2038	CAJ-2038	WL-2029	FC-2033
Plastic Water Closet Flange				FC-2037
Plastic Tub Drains				FC-2036
Mechanical				
Steel Pipes	CAJ-1079	CAJ-1079	WL-1049	FC-1013
CPVC Sprinkler Pipe	CAJ-2031	WJ-2018	WL-2093	FC-2032
Fiberglass Insulated Metallic Pipe	CAJ-5087	CAJ-5087	WL-5014	FC-5014
AB/PVC Insulated Metallic Pipe	CAJ-5079	CAJ-5079	WL-5054	FC-5014
A/C Line Set/Fan Coil	CAJ-8054	CAJ-8054	WL-8011	FC-8010
Air Ducts	CAJ-7026	CAJ-7026	WL-7009	FC-7002
Grease Duct - Wrap System	YYET-R9242	YYET-R9242	YYET-R9242	YYET-R9242
Electrical				
Metallic Conduit	CAJ-1079	CAJ-1079	WL-1049	FC-1013
Plastic Conduit/Inner Duct	CAJ-2031	CAJ-2031	WL-2093	FC-2032
Cables	CAJ-3133	CAJ-3133	WL-3076	FC-3015
Cable Tray	CAJ-4029	CAJ-4029	WL-4008	
Bus Duct	CAJ-6009	CAJ-6009	WL-6001	