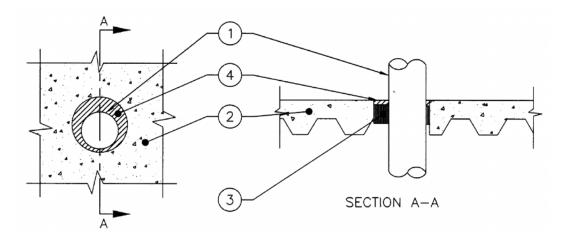


Grabber Construction Products, Inc. Design No. JWA/PH 180-01 Horizontal Floor Assembly, Single Penetrations GrabberGard IFC

Test Standards: ASTM E814, UL 1479: Non-metallic Open and Closed Systems ULC S115**: Non-metallic Closed Pipe

Test Furnace Internal Positive Pressure Differential – 2.5 Pa (0.01 in. of water) Minimum Rating: 3 Hour

Penetrating Material & Size	Max Hole Size	Annular Space	ASTM E 814 "F"	l/ UL 1479 "T"	ULC S115 "FH"	– M95 "FTH"
PVC Pipe (1" to 4")	6"	3/8" – 1-1/8"	3 Hour	121 Min.	3 Hour	121 Min.
ccPVC Pipe (1" to 4")	6"	3/8" – 1-1/8"	3 Hour	121 Min.	3 Hour	121 Min.
PVC Pipe (1" to 4")	6"	3/8" – 1-1/8"	3 Hour	121 Min.	3 Hour	121 Min.



- **1. PENETRATING ITEM:** Centered or offset in hole, see table above. Single penetrations only, max. hole size not to exceed table above.
- 2. FLOOR/CEILING FIRE SEPARATIONS: Min. 20 GA or heavier galvanized steel decking, with up to 3-1/2 in. (88mm) flute height firmly supported with min. 2-1/2 in. (63 mm) concrete cover.
- 3. FIRESTOP SYSTEM, COMPONENT 1: PFP Partners Wrap Strip WS1* Nominal 1/8 in. thick intumescent material supplied in 2 in. (50mm) wide strips. Min. three layers of wrap strip to be wrapped entirely around pipe with additional wrap strips to be friction fitted to

- completely fill the annular space. Wrap strips to be recessed a min. 1/2 in. (13mm) below the top surface of the floor assembly to accommodate Firestop System, Component2.
- 4. FIRESTOP SYSTEM, COMPONENT 2: Grabber Construction Products, Inc. GrabberGard IFC* Product must be installed at a min. thickness of 1/2 in. (13mm) within the annulus on top surface of floor assembly.
- * WH Labeled Component
- ** Tested in accordance to Canadian Code Requirements for closed (supply) piping systems. Not tested to 50 Pa pressure differential as required by Canadian Code Requirements for combustible DWV pipes.

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