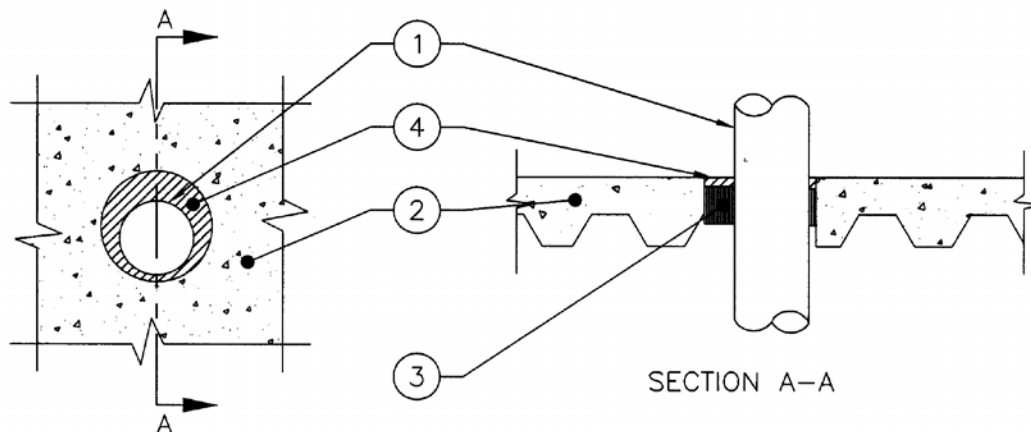


Grabber Construction Products, Inc.
Design No. JWA/PH 180-01
Horizontal Floor Assembly, Single Penetrations
GrabberGard IFC

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/ UL 1479		ULC S115 – M95	
			"F"	"T"	"FH"	"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, Component 2.

- 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.