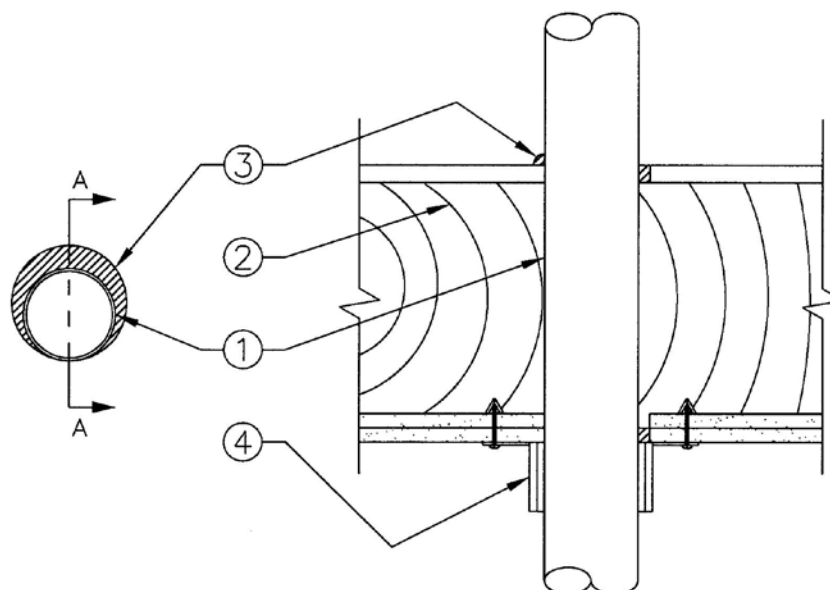


Grabber Construction Products, Inc.
Design No. JWA/PH 120-05
Horizontal Floor/Ceiling Assembly, Single Penetrations
GrabberGard EFC and GrabberGard IFC
Test Standards: ASTM E814, UL 1479: Non-metallic Open and Closed Systems
ULC S115: Non-metallic Closed Systems**
Test Furnace Internal Positive Pressure Differential – 2.5 Pa (0.01 in. of water) Minimum
Rating: 2 Hour

Penetrating Material & Size	Max Hole Size	Annular Space	Fire "F" Rating	Temp Rating "T" Rating
PVC Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	Up to 2 Hr	Up to 2 Hr
ccPVC Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	Up to 2 Hr	Up to 2 Hr
CPVC Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	Up to 2 Hr	Up to 2 Hr
ccABS Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	Up to 2 Hr	Up to 2 Hr
ABS Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	Up to 2 Hr	Up to 2 Hr
FRPP Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	Up to 2 Hr	Up to 2 Hr



- PENETRATING ITEM:** Centered or offset in hole, see table above. Single penetrations only, max. hole size not to exceed table above.
- FLOOR/CEILING ASSEMBLY:** 1 or 2 hour rated ASTM E-119 wood framed gypsum wallboard (GWB) floor/ceiling assemblies with or without concrete topping, min. nominal 10 in. depth wood or composite wood floor joists.
- FIRESTOP SYSTEM, COMPONENT 1:** Grabber Construction Products, Inc. – GrabberGard EFC* or GrabberGard IFC* installed at a min. thickness of 3/4 in. (19mm) within the annulus on top surface of floor assembly, and a min. of 5/8 in. (18mm) within the annulus of the gypsum wallboard ceiling membrane. On 0 in. to 1/4 in. (6mm) annular spaces of the floor surface, a 1/2 in. (13mm) diameter fillet bead must be placed around the penetrating item.



- 4. FIRESTOP SYSTEM, COMPONENT 2:** PFP Partner – Plastic Pipe Collar* (PPC) specifically sized for diameter of pipe. PPC secured to floor/ceiling assembly using 1-1/2 in. toggle bolts over fender washers, at joist locations use 1-1/2 in. drywall screws to fasten collar directly to joists.

*WH Labeled Component

** Not tested to 50 Pa pressure differential as required by Canadian code for combustible DWV (Drain, Waste or Vent) piping systems.