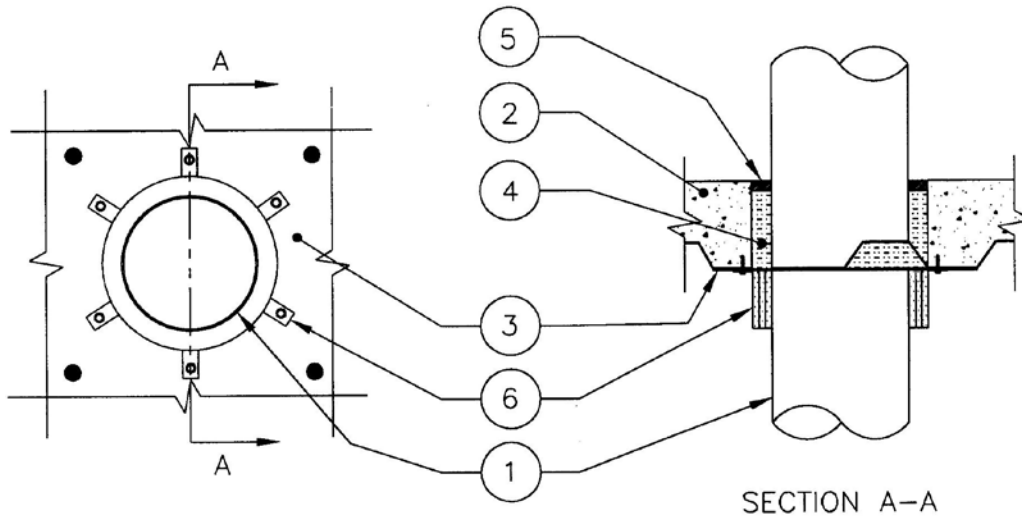


Grabber Construction Products, Inc.
Design No. JWA/PH 120-06
Horizontal Floor/Ceiling Assembly, Single Penetrations
GrabberGard EFC and GrabberGard IFC
Test Standards: ASTM E814, UL 1479: Non-metallic Open and Closed Systems
ULC S115: Non-metallic Closed Systems**
Test Furnace Internal Positive Pressure 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" - 6"	7"	1/4"	Up to 2 Hr	Up to 2 Hr
ccPVC Plastic Pipe 1-1/2" - 6"	7"	1/4"	Up to 2 Hr	Up to 2 Hr
CPVC Plastic Pipe 1-1/2" - 6"	7"	1/4"	Up to 2 Hr	Up to 2 Hr
ccABS Plastic Pipe 1-1/2" - 4"	5"	1/4"	Up to 2 Hr	Up to 2 Hr
ABS Plastic Pipe 1-1/2" - 4"	5"	1/4"	Up to 2 Hr	Up to 2 Hr
FRPP Plastic Pipe 1-1/2" - 4"	5"	1/4"	Up to 2 Hr	Up to 2 Hr



- PENETRATING ITEM:** Centered in hole, see table above. Single penetrations only, max. hole size not to exceed table above.
- FLOOR/CEILING ASSEMBLY:** Min. 20 GA or heavier galvanized steel decking, with min. 2 in. (50mm) flute depth with min. 2-1/2 in. concrete cover.
- FIRESTOP SYSTEM, COMPONENT 1:** Min. 18 GA or heavier 12 in. x 12 in. steel plate. Steel plate securely fastened to underside of floor separation with concrete anchors.
- FIRESTOP SYSTEM, COMPONENT 2:** Filler material, mineral rock wool insulation with a min. density of 4-6 PCF (68 kg/m³), compressed a min. of 25% into the annular space at a min. depth of 4 in. (102mm). Recess filler material 1/2 in. (13mm) for sealant placement.
- FIRESTOP SYSTEM, COMPONENT 3:** Grabber Construction Products, Inc. – GrabberGard EFC* or GrabberGard IFC* installed at a min. thickness of 1/2 in. (13mm) within the annulus on top surface of floor assembly.



- 6. FIRESTOP SYSTEM, COMPONENT 4:** PFP Partners – Plastic Pipe Collar* (PPC) specifically sized for diameter of pipe. PPC secured to floor/ceiling assembly using 1/4 in. diameter x 1-1/4 in. long steel masonry anchors over fender washers.

*WH Labeled Component

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