

Grabber Construction Products, Inc.

Design No. JWA/PH 60-03

Horizontal Floor/Ceiling Assembly, Single Penetrations

GrabberGard EFC and GrabberGard IFC

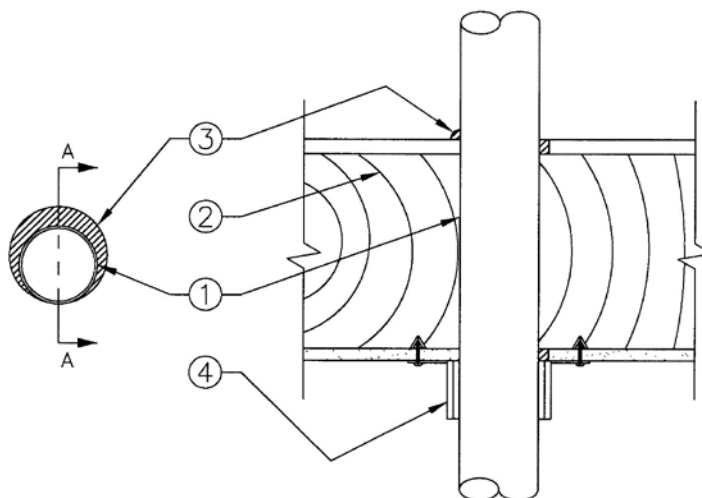
Test Standards: ASTM E814, UL 1479: Non-metallic Open and Closed Systems

ULC S115: Non-metallic Open and Closed Systems

Test Furnace Internal Positive Pressure Differential – 50 Pa (0.20 in. of water) Minimum

Rating: 1 Hour

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



- 1. PENETRATING ITEM:** Centered or offset in hole, see table above. Single penetrations only, max. hole size not to exceed table above.
- 2. FLOOR ASSEMBLY:** 1 hour rated CAN/ULC S101 or equivalent wood framed gypsum wallboard (GWB) floor/ceiling assemblies with or without concrete topping, min. nominal 10 in. depth wood or composite wood floor joists.
- 3. 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. (15mm) within the annulus of the gypsum wallboard ceiling membrane. On 0 – 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 Partners – 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