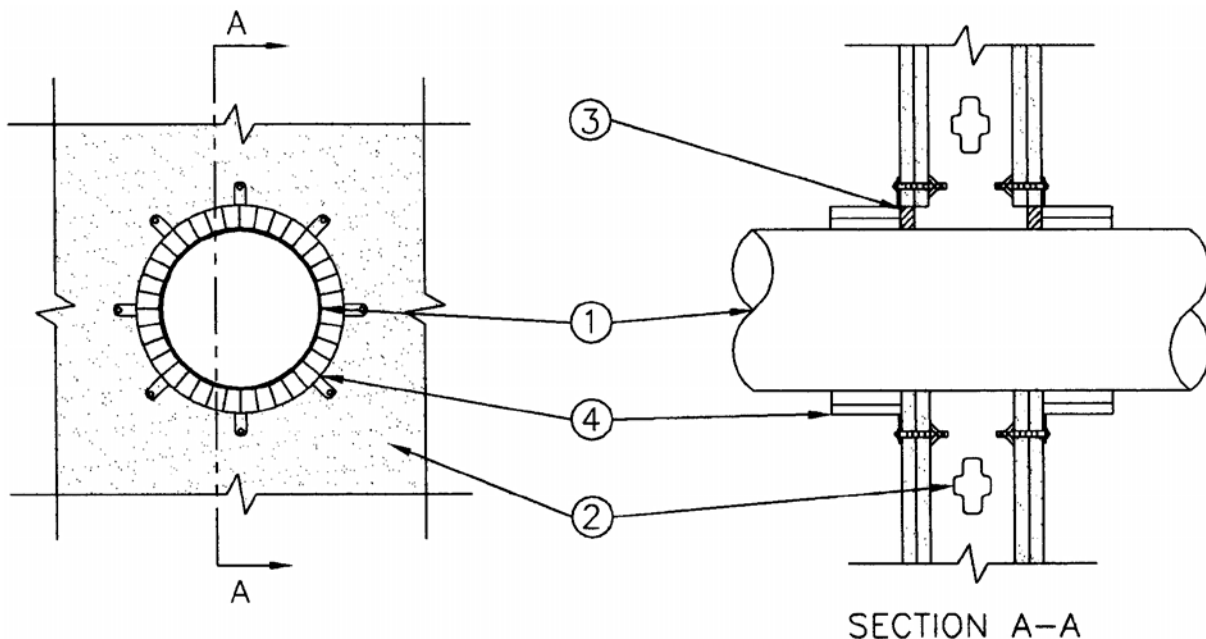


Grabber Construction Products, Inc.
Design No. JWA/PV 120-07
Vertical Wall Assembly, Single Penetrations
GrabberGard EFC and GrabberGard IFC
Test Standards: ASTM E814, UL 1479

Test Furnace Internal Positive Pressure Differential – 2.5 Pa (0.01 in. of water) Minimum
Rating: Up to 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"	1 & 2 Hour	1 & 2 Hour
ccPVC Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	1 & 2 Hour	1 & 2 Hour
CPVC Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	1 & 2 Hour	1 & 2 Hour
ccABS Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	1 & 2 Hour	38 & 80 Min
ABS Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	1 & 2 Hour	38 & 80 Min
FRPP Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	1 & 2 Hour	38 & 80 Min



- 1. PENETRATING ITEM:** Centered or offset in hole, see table above. Single penetrations only, max. hole size not to exceed table above. Ratings achieved will not be greater than the rating of the wall assembly.
- 2. WALL ASSEMBLY:**
 - a) 1 or 2 hour ASTM E-119 or CAN/ULC S101 metal or wood framed fire rated gypsum

- b) wall board (GWB) wall fire assemblies framed with 3-1/2 in. (88mm) studs or;
- b) Cast-in-place normal or light density concrete wall having a min. cross-section thickness of 4-1/2 in. (112mm) or;
- c) Hollow or concrete filled unit masonry (concrete block) wall assemblies laid up with mortar having a min. cross-section thickness of 8 in. (200mm).



3. FIRESTOP SYSTEM, COMPONENT 1: Grabber Construction Products, Inc. – GrabberGard EFC* or GrabberGard IFC* installed at a min. thickness of 5/8 in. (18mm) within the annulus on both surfaces of wall assembly. On 0 in. – 1/4 in. (6mm) annular spaces, 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 gypsum wall assemblies using 1-1/2 in. (38mm) toggle bolts over fender washers, at stud locations use 1-1/2 in. (38mm) drywall screws to fasten collar directly to studs. PPC secured to concrete wall assemblies using 1/4 in. (6mm) diameter x 1-1/4 in. (32mm) long steel masonry anchors over fender washers.

*WH Labeled Component