

Grabber Construction Products, Inc.
Design No. JWA/PV 120-08
Vertical Wall Assembly, Single Penetrations
GrabberGard EFC and GrabberGard IFC
Test Standards: ASTM E814, UL 1479
ULC S115: Open and Closed Systems

Test Furnace Internal Positive Pressure Differential – 50 Pa (0.20 in. of water) Minimum
Rating: Up to 2 Hour

1 Hour Fire Rated Wall Systems

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"	1 Hour	1 Hour	55 min
XFR PVC (IPEX) Pipe 1-1/2" – 4"	5"	0" – 1/2"	1 Hour	1 Hour	50 min
ccPVC Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	1 Hour	1 Hour	55 min
ABS Plastic Pipe 1-1/2" – 4"	4-3/4"	0" – 1/4"	1 Hour	1 Hour	45 min
ccABS Plastic Pipe 1-1/2" – 4"	4-3/4"	0" – 1/4"	1 Hour	1 Hour	45 min

2 Hour Fire Rated Wall Systems

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"	2 Hour	2 Hour	116 min
XFR PVC (IPEX) Pipe 1-1/2" – 4"	5"	0" – 1/2"	2 Hour	2 Hour	120 min
ccPVC Plastic Pipe 1-1/2" – 4"	5"	0" – 1/2"	2 Hour	2 Hour	116 min
ABS Plastic Pipe 1-1/2" – 4"	4-3/4"	0" – 1/4"	2 Hour	2 Hour	112 min
ccABS Plastic Pipe 1-1/2" – 4"	4-3/4"	0" – 1/4"	2 Hour	2 Hour	112 min



- 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. toggle bolts over fender washers, at stud locations use 1-1/2 in. drywall screws to fasten collar directly to studs. PPC secured to concrete wall assemblies using 1/4 in. diameter x 1-1/4 in. long steel masonry anchors over fender washers.

*WH Labeled Component