

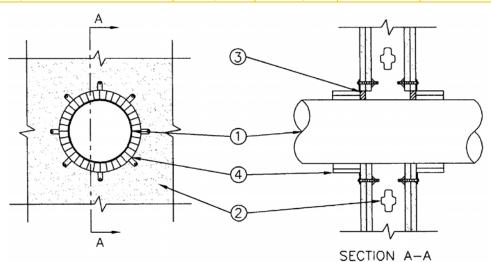
Grabber Construction Products, Inc.
Design No. JWA/PV 120-08
Vertical Wall Assembly, Single Penetrations
GrabberGard EFC and GrabberGard IFC

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	Max	Annular	Fire	Fire/Hose	Temp Rating		
Material & Size	Hole Size	Space	"F" Rating	"FH" 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		



 PENETRATING ITEM: Centered or offset in hole, see table above. Single penetrations only, max. hole size not to exceed tables above. Ratings achieved will not be greater than that of the wall assembly.

2. WALL FIRE SEPARATIONS:

a) 1 or 2 hour CAN/ULC S101 or ASTM E119 equivalent metal or wood framed fire rated gypsum wall board (GWB) wall fire separations framed with 3-1/2 in. (88mm) studs or;

Date Revised: August 8, 2018 Page 1 of 2



Division 07 – Thermal and Moisture Protection 07 84 00 Firestopping 07 84 13 Penetration Firestopping

- 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)

Date Revised: August 8, 2018

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

Page 2 of 2