

Grabber Construction Products, Inc. Design No. JWA/PH 120-06

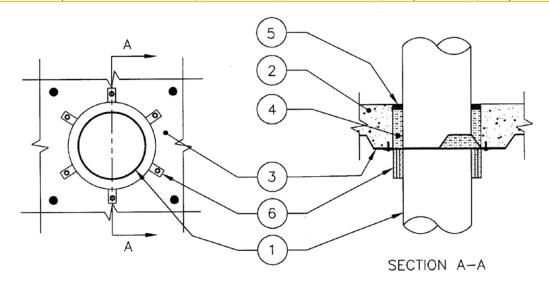
Horizontal Floor/Ceiling Assembly, Single Penetrations GrabberGard EFC and GrabberGard IFC

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



- **1. 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.
- **3. 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.
- **4. 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.
- **5. 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.

Date Revised: August 8, 2018 Page 1 of 2 Project No. 491-8009



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

- **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.

Version: 02 August 2017 SFT-BC-OP-19i