

Grabber Construction Products, Inc.

Design No. JWA/PHV 120-19

Horizontal (Floor/Ceiling) or Vertical (Wall) Assembly, Single Penetrations

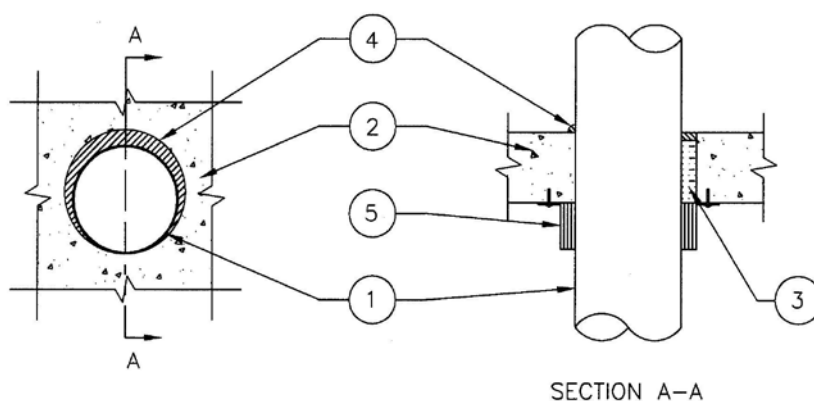
GrabberGard EFC and GrabberGard IFC

Test Standards: ASTM E814, UL 1479, ULC S115

Test Furnace Internal Positive Pressure Differential – 50 Pa (0.2 in. of water)

Rating: 2 Hour

Penetrating Material & Size	Max Hole Size	Annular Space	Fire "F" Rating	Fire/Hose "FH" Rating	Temp Rating "FTH" Rating
PVC Schedule 80 Pipe 1-1/2" – 2"	3-1/2"	0" – 1-1/8"	Up to 2 Hour	Up to 2 Hour	Up to 2 Hour
CPVC Schedule 80 Pipe 1-1/2" – 2"	3-1/2"	0" – 1-1/8"	Up to 2 Hour	Up to 2 Hour	Up to 2 Hour



- 1. PENETRATING ITEM:** Centered or offset in hole, see table above. Single penetrations only, max. hole size not to exceed table above. *CPVC pipe for non-DWV (drain, waste or vent) applications only.
- 2. FLOOR OR WALL ASSEMBLY:** Code conforming 2 hour rated floor or wall assembly having a min. nominal 4-1/2 in. thick lightweight or normal weight concrete. Wall may also be constructed of nominal 8 in. thick concrete blocks (filled or unfilled).
- 3. FIRESTOP SYSTEM, COMPONENT 1** 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.
- 4. FIRESTOP SYSTEM, COMPONENT 2:** 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 or at both sides of the wall assembly. On 0 – 1/4 in. (6mm) annular spaces, a 1/2 in. (13mm) diameter fillet bead must be placed around the penetrating item.
- 5. FIRESTOP SYSTEM, COMPONENT 3:** PFP Partners - Plastic Pipe Collar* (PPC) specifically sized for diameter of pipe. PPC secured to floor/ceiling assembly using 1/4 in. (6mm) diameter x 1-1/4 in. (32mm) long steel masonry anchors over fender washers. For walls, the system shall be symmetrical, with PPC installed on each side of the assembly and fixed in the manner as described for floor penetrations.

*WH Labeled Component