

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

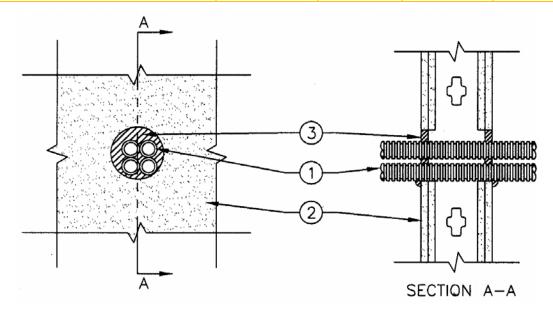
## Vertical Wall Assemblies, Single and Multiple Penetrations GrabberGard EFC and GrabberGard IFC

Test Standards: ASTM E814, UL 1479: Closed Systems

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	"F" Rating	"T" Rating
Up to 1" Diameter Electrical	4-1/2"	0" – 1"	Up to 2 Hours	75 min.
Non-metallic Tubing (PVC) up to 4				



- PENETRATING ITEM: Either singly or combination, including all. Centered or offset in hole, see table above. All penetrating items must be reliably supported.
- **2. WALL ASSEMBLIES:** 2 hour rated ASTM E-119 or CAN/ULC S101 wall assemblies as follows:
  - a) Metal or wood framed gypsum wall board (GWB) wall assemblies.
  - b) Cast-in-place lightweight or normal weight concrete wall assemblies having a min. cross-section thickness of 4-1/2 in.
  - c) Hollow or concrete filled unit masonry (concrete block) wall assemblies laid up

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with mortar having a min. cross-section thickness of 8 in.

**3. FIRESTOP SYSTEM:** Grabber Construction Products, Inc. – GrabberGard EFC\* or GrabberGard IFC\* installed at a min. thickness of 5/8 in. within the annulus on both surfaces of wall assembly. Between 0 in. – 1/4 in. annular spaces, a 1/2 in. diameter fillet bead must be placed around the interface between penetrating item and the surface of the wall.

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<sup>\*</sup>WH Labeled Component