

## Grabber Construction Products, Inc. Design No. JWA/PH 60-10

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

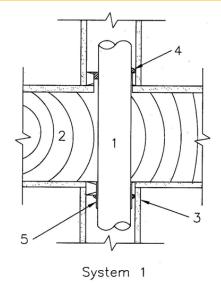
Test Standards: ASTM E814, UL 1479: Non-metallic Open and Closed Systems

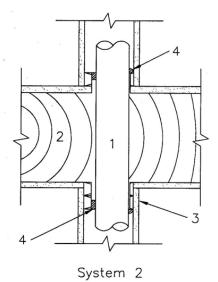
ULC S115-M11: Non-metallic Open and Closed Systems

Positive Pressure Differential – 50 Pa (0.20 in. of water) Minimum

Rating: 1 Hour

Penetrating	Max	Annular	ASTM E814	ULC \$115-M11
Material & Size	Hole Size	Space	"F" & "T" Rating	"F", "FH", "FTH" Rating
Wirsbo PEX up to 1-1/2 in. (38mm) ID (System 1 & 2)	2 in. (50mm)	0 – 1/2 in. (0 – 13mm)	1 Hour	1 Hour





SYSTEM 1

- **1. PENETRATING ITEM:** Centered or offset in hole, see table above. Single penetration only, max, hole size not to exceed table above.
- 2. FLOOR/CEILING ASSEMBLY: 1 hour rated ASTM E119 or CAN/ULC S101 wood framed floor/ceiling/wall assemblies with or without concrete topping, having a min. depth of 10-3/4 in. (275mm).
- **3. CHASE WALL ASSEMBLY:** 1 hour rated ASTM E119 or CAN/ULC S101 wood framed wall assembly with single or double header plates.
- 4. FIRESTOP SYSTEM, COMPONENT 1: Grabber Construction Products, Inc. GrabberGard EFC\* or GrabberGard IFC\*, fill all sill plates contained within the wall assembly to a 3/4 in. (18mm) depth. A min. 1/2 in. (13mm) bead of sealant is applied between interface of the header plates and outer layer of plastic pie wrap strip (See Firestop System Component 2). On 0 in. to 1/4 in. (6mm) annular spaces, a 3/8 in. (10mm) diameter fillet bead must be placed around the penetrating item on the surface of the membrane being penetrated.

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

5. FIRESTOP SYSTEM, COMPONENT 2: PFP Partners WS1\* Wrap Strip — Nominal 1/8 in. (3mm) thick intumescent material supplied in 2 in. (50mm) wide strips. Min. one continuous layer of wrap strip friction fitted into annular space such that 1/2 in. (13mm) of the wrap strip extended below the bottom surface of floor/ceiling assembly.

## SYSTEM 2

- **1. PENETRATING ITEM:** Offset in hole, see table above. Single penetrations only, max. hole size not to exceed table above.
- **2. FLOOR/CEILING ASSEMBLY:** 1 hour rated ASTM E119 or CAN/ULC S101 wood framed floor/ceiling assemblies, with or without concrete topping, having a min. depth of 10-3/4 in. (275mm).

- **3. CHASE WALL ASSEMBLY:** 1 hour rated ASTM E119 or CAN/ULC S101 wood framed wall assembly with double header plates.
- SYSTEM, 4. FIRESTOP COMPONENT Grabber Construction Products, Inc. -GrabberGard IFC\*, fill all header and sill plates contained within the wall assembly to a 3/4 in. (25mm) depth. On 0 in. to 1/4 in. (6mm) annular spaces, a 3/8 in. (10mm) diameter fillet bead must be placed around the penetrating item on the membrane surface of the being penetrated.

\*WH Labeled Component

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