

UL/cUL SYSTEM NO. F-B-2061

**PLASTIC PIPE THROUGH CONCRETE FLOOR ASSEMBLY**

F-RATING = 2-HR.

T-RATING = 1-1/2-HR. OR 2-HR.

L-RATING AT AMBIENT = 1.47 CFM PER DEVICE

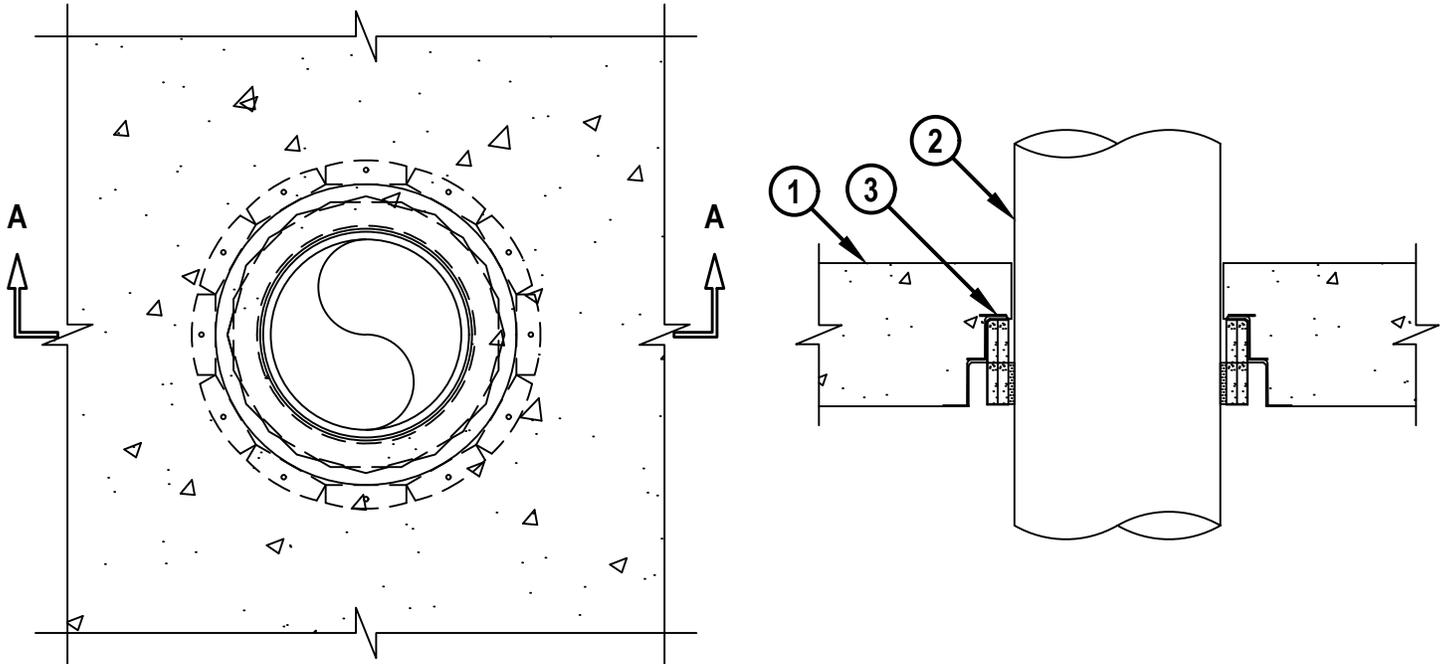
L-RATING AT 400°F = LESS THAN 1 CFM PER DEVICE

W-RATING = CLASS I (SEE NOTE NO. 2 BELOW)

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**TOP VIEW**

**SECTION A-A**



**SYSTEM TESTED WITH A PRESSURE DIFFERENTIAL OF 2.5 Pa BETWEEN THE EXPOSED AND THE UNEXPOSED SURFACES WITH THE HIGHER PRESSURE ON THE EXPOSED SIDE.**

1. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR ASSEMBLY (MINIMUM 6" THICK) (2-HR. FIRE-RATING).
2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING :
  - A. NOMINAL 8" OR 10" DIAMETER PVC PLASTIC PIPE (CELLULAR OR SOLID CORE).
  - B. NOMINAL 8" OR 10" DIAMETER CPVC PLASTIC PIPE (CLOSED PIPING SYSTEM).
3. HILTI CFS-CID P [8" OR 10"] FIRESTOP CAST-IN DEVICE CAST OR GROUTED INTO CONCRETE FLOOR.

**NOTES :** 1. CLOSED OR VENTED PIPING SYSTEM (PVC = SCHEDULE 40; CPVC = SDR 13.5).

2. [OPTIONAL] FOR W-RATING ONLY, THE FOLLOWING MATERIALS MUST BE INSTALLED :

- A. MINIMUM 1" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED AND RECESSED TO ACCOMMODATE SEALANT - MINERAL WOOL SHALL NOT EXTEND INTO THE WRAP STRIP LAYERS.
- B. MINIMUM 1/2" DEPTH HILTI CFS-S SIL GG FIRESTOP SILICONE SEALANT OR HILTI CFS-S SIL SL FIRESTOP SILICONE SEALANT FLUSH WITH TOP SURFACE OF FLOOR.



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Sheet	1 of 1
Scale	1/8" = 1"
Date	July 19, 2017

Drawing No.  
**FB  
2061c**

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