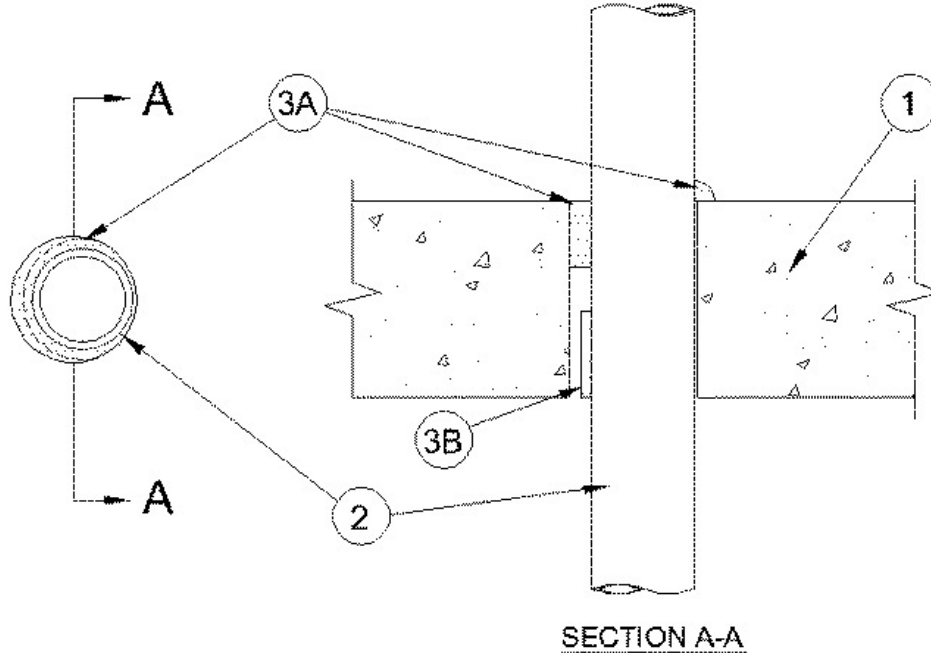


F Rating — 2 h
 FT Rating — 2 h
 FH Rating — 2 h
 FTH Rating — 2 h

System not tested with a pressure differential of 50 Pa between the exposed and unexposed side of the assembly



System tested with a pressure differential of 50 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

1. **Floor Assembly** — Min 114 mm (4-1/2 in.) thick reinforced lightweight or normal weight 1600 - 2400 kg/m³ (100-150 pcf) concrete. Wall may also be constructed of any ULC Listed **Concrete Blocks**. Max diam of opening is 76 mm (3 in.).
2. **Through Penetrants** — One nonmetallic pipe to be installed either eccentrically or concentrically within the firestop system. The annular space shall be min 1.6 mm (1/16 in.) to max 14 mm (9/16 in.). Pipe to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of nonmetallic pipes may be used:
 - A. **Polyvinyl Chloride (PVC) Pipe** — Nom 51 mm (2 in.) diam Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
3. **Firestop System** — The firestop system shall consist of the following:
 - A. **Fill, Void Or Cavity Material - Caulk** — Min 38 mm (1-1/2 in.) thickness of fill material applied within the annulus, flush with top surface of floor. A 13 mm (1/2 in.) diam bead of caulk shall be applied at the 1.6 mm (1/16 in.) annular space between the pipe and periphery of opening on top surface of floor.
RECTORSEAL — [Metacaulk 1000](#)
 - B. **Fill, Void or Cavity Material - Wrap Strip** — Nom 6 mm (1/4 in.) thick by 51 mm (2 in.) wide intumescent wrap strip. One layer of wrap strip wrapped around the through-penetrant to max extent possible and held in place with wire or tie wire. Wrap strip installed flush with bottom surface of floor.
RECTORSEAL — [Metacaulk Wrap Strip](#)

*,+ Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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