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to CAN/ULC-S115

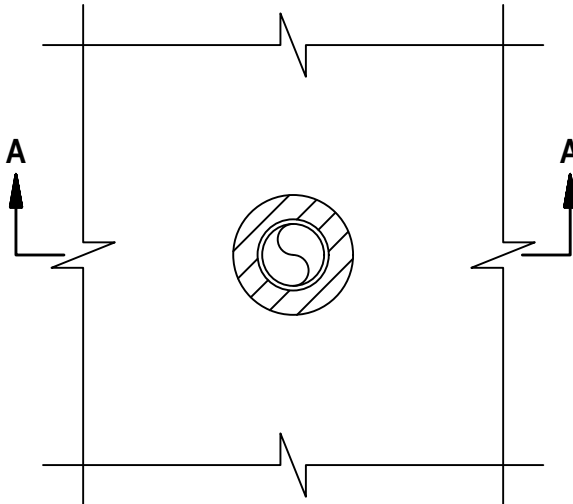
System No. C-AJ-2078

F Rating — 2 Hr
FT, FH, and FTH Ratings — 0 Hr

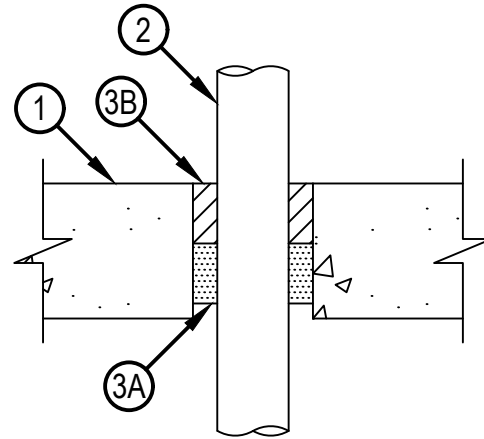


CAJ 2078

TOP VIEW



SECTION A-A



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 or Wall Assembly — Min 114 mm (4-1/2 in.) thick reinforced lightweight or normal weight (1600 - 2400 kg/m³, 100 - 150 pcf) concrete floor, or min 152 mm (6 in.) thick reinforced lightweight or normal weight (1600 - 2400 kg/m³ wall. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening 102 mm (4 in.).

See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. Through Penetrants — One nonmetallic pipe to be installed concentrically or eccentrically within the firestop system. Annular space between pipe and periphery of opening to be max 21 mm (13/16 in.). The following type and sizes of nonmetallic pipe may be used:

A. Polyvinyl Chloride (PVC) Pipe — Nom 51 mm (2 in.) diam (or smaller) schedule 40 solid or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.

3. Firestop System — The firestop system shall consist of the following:

A. Forming Material* — Min 51 mm (2 in.) thick foam used as a permanent form. In floor assemblies, top surface of foam to be recessed 51 mm (2 in.) from top surface of floor. In wall assemblies, foam to be recessed 51 mm (2 in.) from both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CFS-AS CJP or CF 812 Foam Sealant

B. Fill, Void or Cavity Material* - Sealant — Min 51 mm (2 in.) thickness of fill material applied within the annulus, flush with the top surface of floor or with both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

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



Hilti Firestop Systems

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