

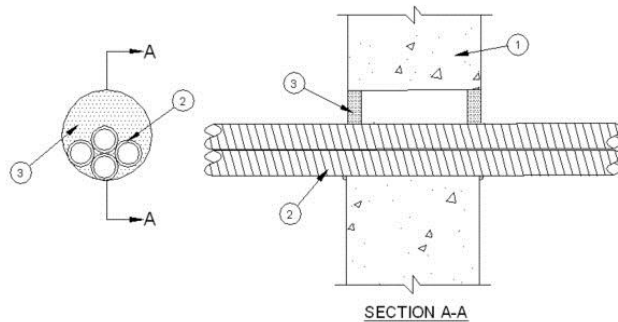
Through-penetration Firestop Systems

System No. W-J-1212

July 02, 2008

F Rating — 2 Hr

T Rating — 0 Hr



1. **Wall Assembly** — Min 6 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 6 in.

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

2. **Through Penetrants** — One or more nom 1-1/2 in. diam (or smaller) flexible steel conduits to be installed within the opening. Max diam of through penetrant bundle shall be 4 in. The space between the through penetrants shall be a min of 0 in. (point contact) to a max of 1/4 in. The annular space between the through penetrants and periphery of opening shall be min 0 in. (point contact) to max 2 in. Conduit to be rigidly supported on both sides of wall assembly.

See **Flexible Metal Conduit (DXUZ)** category in the Electrical Construction Materials Directory for names of manufacturers.

3. **Fill, Void or Cavity Material* — Sealant** — Min 5/8 in. thickness of fill material applied within annulus, flush with both surfaces of wall. At the point contact location between through penetrant and concrete, a min 3/8 in. diam bead of fill material shall be applied at the concrete/through penetrant interface on both surfaces of wall. Additional sealant shall be forced into interstices of through penetrants to max extent possible.

ACCUMETRIC L L C — Boss 816

*Bearing the UL Classification Mark