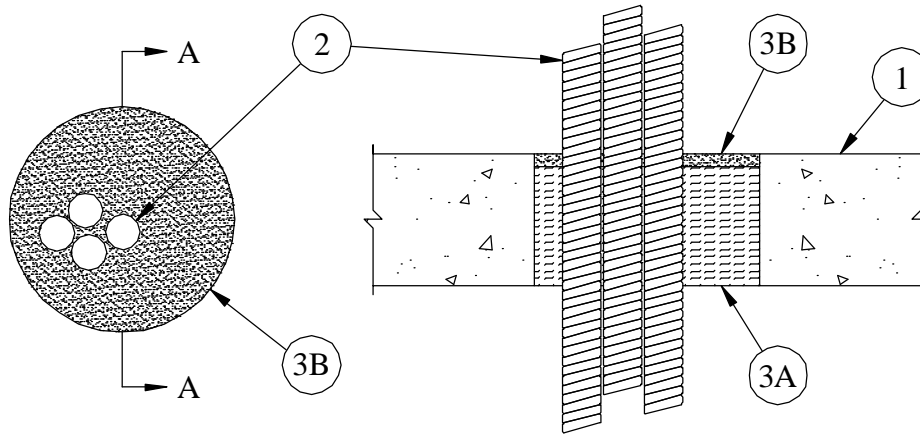


## System No. C-AJ-3144

August 2008  
 F Rating — 2 Hr  
 T Rating — 1/2 Hr  
 (UL/cUL)



Section A-A

- Floor or Wall Assembly** — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete floor or min 5 in. thick reinforced lightweight or normal weight concrete wall. Wall may also be constructed of any UL Classified **Concrete Blocks\***. Floor may also be constructed of any min 6 in. thick UL Classified hollow-core **Precast Concrete Units\***. Max diam of opening is 6 in.

See **Concrete Blocks (CAZT)** and **Precast Concrete Units (CFTV)** categories in the Fire Resistance Directory for names of manufacturers.

- Through Penetrating Products\*** — Max three copper conductor No. 4 AWG (or smaller) aluminum **Metal-Clad Cable+**. Max four metal clad cables within the firestop system. Aggregate cross-sectional area of cables in opening to be a max 20 percent of the aggregate cross-sectional area of the opening. The annular space between the cables and the periphery of opening shall be min 3/4 in. to max 3-3/16 in. . Cables to be rigidly supported on both sides of floor or wall assembly.

**NEXANS CANADA INC**

- Firestop System** — The firestop system shall consist of the following:
  - Packing Material** — Min 4 in. thickness of min 4 pcf mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall and hollow-core precast concrete unit as required to accommodate the required thickness of fill material.
  - Fill, Void or Cavity Material\* — Caulk** — Min 1/2 in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall and hollow-core precast concrete unit. Caulk to be forced into interstices of cable group to max extent possible.

**TREMCO INC** — TREMstop Intumescent Acrylic, FyreCaulk, or TREMstop IA+

+Bearing the UL Listing Marking

\*Bearing the UL Classification Mark



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