

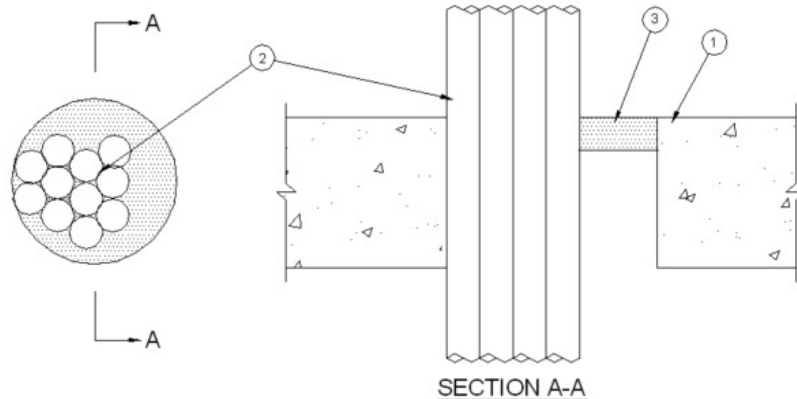
System No. C-AJ-3297

August 13, 2008

F Rating — 3 Hr

T Rating — 1/2 Hr

(UL/cUL)



- Floor or Wall Assembly** — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete floor or wall. Wall may also be constructed of any UL Classified **Concrete Blocks***. Floor may also be constructed of any min 6 in. (152 mm) thick UL Classified hollow-core **Precast Concrete Units***. Max diam of opening is 2 in. (51 mm).
See **Concrete Blocks** (CAZT) and **Precast Concrete Units** (CFTV) categories in the Fire Resistance Directory for names of manufacturers.
- Cables** — Aggregate cross sectional area of cables in opening to be max 25 percent of the cross sectional area of the opening. Tight bundle of cables to be installed in the opening. The annular space between the cable bundle and the periphery of the opening shall be min 0 in. (point contact) to max 1 in. (25 mm). Cable bundle to be rigidly supported on both sides of the floor or wall assembly. The following types and sizes of cables may be used:
 - Through Penetrating Product*** — Max 4/C plus ground No. 12 AWG (or smaller) aluminum or steel clad Metal Clad Cable+ with copper conductors.
ALFLEX CORP
NEXANS CANADA INC
 - Max 110/125 fiber optic (F.O.) cable with PVC insulation and jacket.
 - Max 3/C with ground No. 12 AWG (or smaller) copper conductor NM cable (Romex) with PVC insulation and jacket.
 - Max RG/U coaxial cable with fluorinated ethylene insulation and jacket.
 - Max 4 pair No. 24 AWG (or smaller) copper conductor data cable with Mylar jacket and insulation.
 - Max 6 AWG (or smaller) copper conductor Type MTW or THHN or THWN or gas & oil res II 600V (UL) or AWM VW-1 cable.
- Firestop System** — The firestop system shall consist of the following:
 - Packing Material** — (Optional) — Polyethylene backer rod firmly packed into annular space as a permanent form. Packing material to be recessed from top surface of floor or both sides of wall and hollow-core precast concrete unit to accommodate the fill material (Item 4B).
 - Fill, Void or Cavity Material*** — Min 1 in. (25 mm) 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 IA+

*Bearing the UL Classification Mark



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