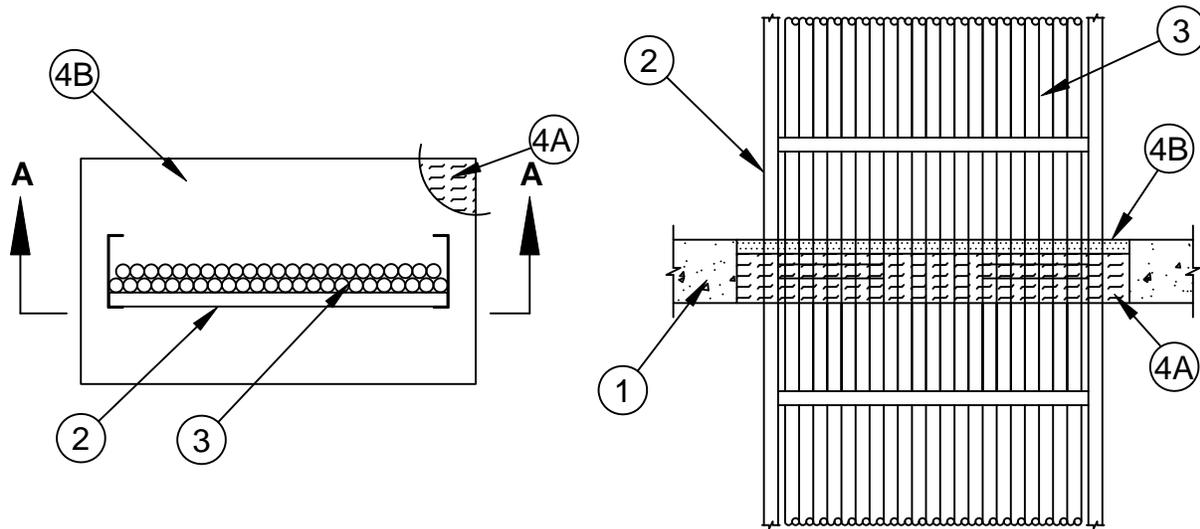


System No. C-AJ-4060

F Rating - 3 Hr
T Rating - 1/2 Hr



Section A-A

- 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 or min 5-1/2 in. (140 mm) thick lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete wall. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max area of opening is 448 sq in. (2890 cm²) with max dimensions of 28 in. (711 mm).

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

- Cable Tray*** - Max 24 in. (610 mm) wide by max 5 in. (127 mm) deep open ladder cable tray with channel-shaped side rails formed from 0.060 in. (1.5 mm) thick (No. 16 gauge) galv steel with nom 1 in. (25 mm) diam rungs spaced max 9 in. (229 mm) OC or max 24 in. (610 mm) wide by 5 in. (127 mm) deep open ladder cable tray with channel-shaped side rails formed from 0.080 in. (2.1 mm) thick aluminum with nom 1 in. (25 mm) diam rungs spaced max 9 in. (229 mm) OC. The annular space between the cable tray and the periphery of the opening shall be min 0 in. (point contact) to max 6 in. (152 mm). Cable tray to be rigidly supported on both sides of floor or wall assembly.
- Cables** - Aggregate cross-sectional area of cables in cable tray to be max 30 percent of the cross-sectional area of the cable tray based on a max 3 in. (76 mm) deep cable loading depth within the cable tray. Any combination of the following types and sizes of copper conductor cables may be used:
 - Max 1/C - 350 kcmil cable with polyvinyl chloride (PVC)-nylon insulation and PVC jacket.
 - Max 3/C - No. 2 AWG cable with PVC-nylon insulation and PVC jacket.
 - Max 7/C - No. 12 AWG cable with PVC-nylon insulation and PVC jacket.
- Firestop System** - The firestop system shall consist of the following:
 - Packing Material** - Min 3-1/2 in. (89 mm) thickness of min 4 pcf (64 kg/m³) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or both surfaces of wall to accommodate the required thickness of fill material.
 - Fill, Void or Cavity Material* Sealant** - Min 1 in. (25 mm) thickness of fill material applied within annulus, flush with top surface of floor or both surfaces of wall. At point contact location between cable tray and periphery of opening, nom 1/2 in. (13 mm) diam bead of fill material applied at the cable tray/concrete interface on top surface of floor or both surfaces of wall. Additional fill material injected into grouped cable interstices to max extent possible.

SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant or SpecSeal LCI Sealant

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



Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876

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(800)992-1180 • (908)526-8000 • FAX (908)231-8415 • E-Mail:techserv@stifirestop.com • Website:www.stifirestop.com



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