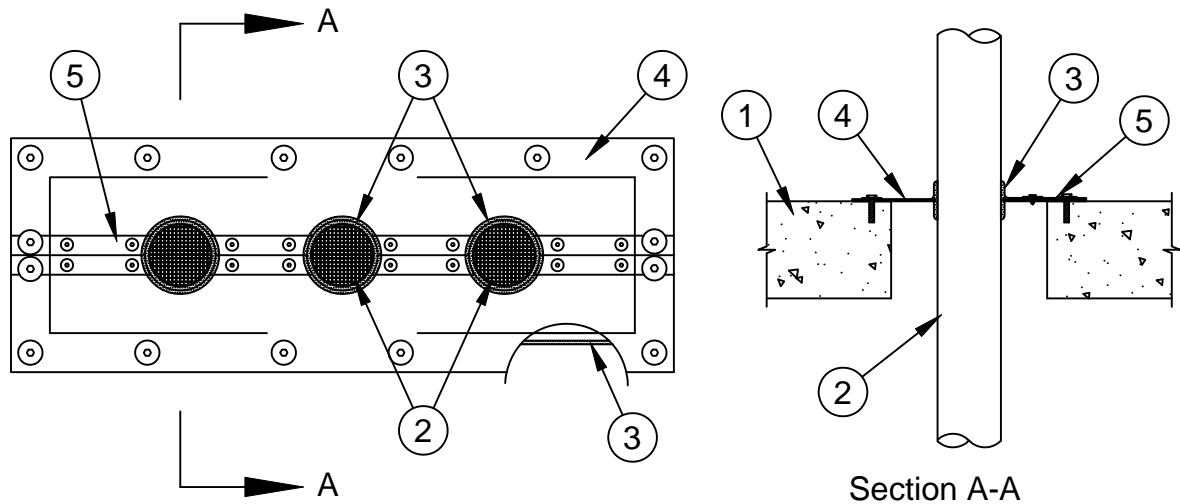


System No. C-AJ-3012

F Rating - 2 Hr
FT Rating - 0 Hr
FH Rating - 2 Hr
FTH Rating - 0 Hr



1. **Floor or Wall Assembly** - Min 114 mm (4-1/2 in.) thick lightweight or normal weight (1600-2400 kg/m³ or 100-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max area of opening 0.15 m² (240 sq in.) with max dimension of 762 mm (30 in.).

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

2. **Telephone Riser Cable** - Multiconductor telephone riser cable with max No. 22 AWG copper conductors insulated with PVC skinned expanded polyethylene. Conductors encased in an overlapped corrugated aluminum shield with a PVC jacket. Outside diam of riser cable not to exceed 82.6 mm (3-1/4 in.). Aggregate cross-sectional area of copper conductors within riser cable not to exceed 735 mm² (1.14 sq in.). When more than one riser cable is installed in through opening, the min separation between cables is 76 mm (3 in.). Cables to be rigidly supported on both sides of floor or wall assembly.
3. **Fill, Void or Cavity Materials* - Putty or Sealant** - Min 5 mm (3/16 in.) thick by 51 mm (2 in.) wide band of putty or sealant installed to tightly-follow the contour of the cable around its entire perimeter. Putty or sealant band installed to project approx 25 mm (1 in.) beyond each face of the composite sheet (Item 4) on top surface of floor or on both sides of the wall. Nom 5 mm (3/16 in.) cove bead of putty or sealant applied around base of cable at its egress from the intumescent sheet on top surface of floor or on both sides of the wall. Nom 5 mm (3/16 in.) wide by 5 mm (3/16 in.) thick putty strips or nom 6 mm (1/4 in.) diam bead of sealant applied beneath composite sheet around entire perimeter of through opening.

SPECIFIED TECHNOLOGIES INC - SpecSeal Putty, SpecSeal 100, 101, 102, 120, 129 or 105 Sealant or SpecSeal LCI Sealant

4. **Fill, Void or Cavity Materials* - Composite Sheet** - Rigid aluminum foil-faced intumescent sheet with steel mesh and galv steel sheet backer. Sheets cut to tightly follow the contour of the individual cables with an annular space equal to or less than 5 mm (3/16 in.). Sheets cut to lap a min of 51 mm (2 in.) on the floor or wall surfaces. Sheet to be installed with the galv steel sheet backer exposed (aluminum foil facing against floor or wall surface) and secured to floor or wall surface with min 5 mm (3/16 in.) diam by 32 mm (1-1/4 in.) long steel concrete screws in conjunction with min 32 mm (1-1/4 in.) diam steel fender washers. Spacing of fasteners not to exceed 152 mm (6 in.) OC with additional fasteners located on each side of butted seams or slits made to permit installation of the sheet around the cable. Sheet installed on top surface of floor and on both sides of wall.

SPECIFIED TECHNOLOGIES INC - SpecSeal CS Composite Sheet



Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876

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5. **Steel Cover Strip** - Min 51 mm (2 in.) wide strip of min 0.51 mm (0.020 in.) thick (26 gauge) galv steel centered over entire length of each butted seam or slit made in the intumescent sheet (Item 4). Prior to installation of the steel strip, the seam or slit in the intumescent sheet shall be covered with a nom 3.2 by 13 mm (1/8 by 1/2 in.) ribbon of putty or a nom 6 mm (1/4 in.) diam bead of sealant (Item 3). Steel cover strip secured to galv steel sheet backer of intumescent sheet with steel sheet metal screws or rivets spaced max 76 mm (3 in.) OC on each side of seam or slit.

*Bearing the UL Classification Mark



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