

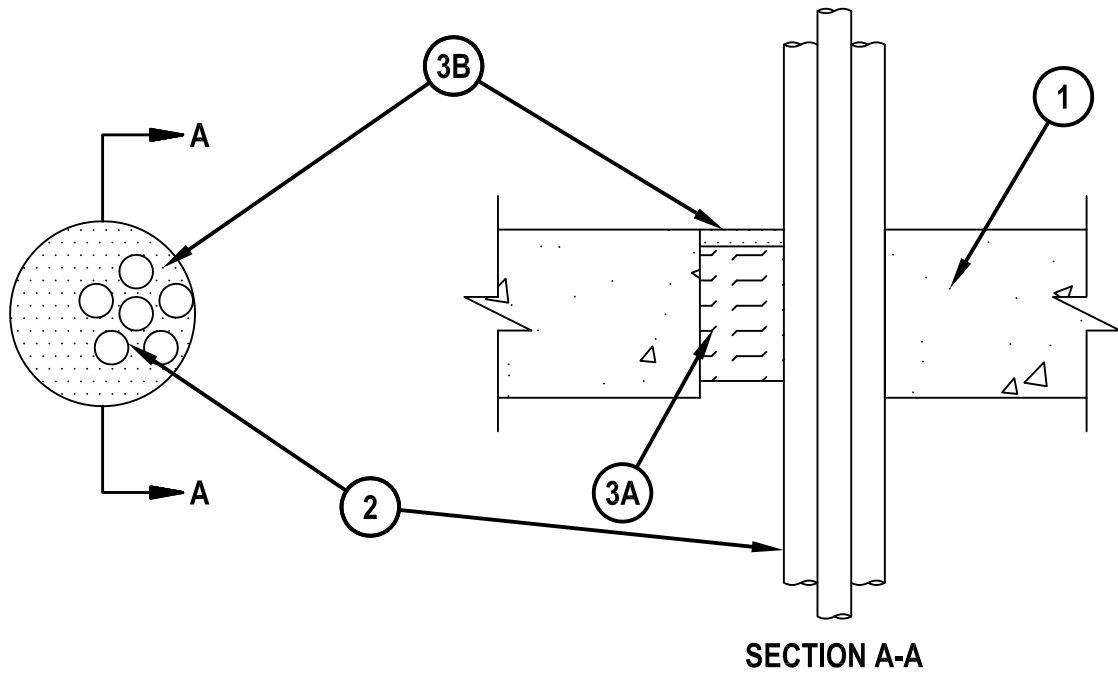


Classified by
Underwriters Laboratories, Inc.
to CAN/ULC-S115

System No. F-A-3002

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

FA 3002



1. Floor Assembly — Min 64 mm thick reinforced lightweight or normal weight (1600-2400 kg/m³) concrete. Max diam of opening is 152 mm.
2. Cables — One or more cables to be installed concentrically or eccentrically within the firestop system. The annular space between cable(s) and periphery of the opening shall be min 0 mm (point contact) to max 146 mm. Aggregate cross-sectional area of cable(s) in opening to be max 52 percent of the cross-sectional area of the opening. Cables to be rigidly supported on both sides of the floor assembly. One or more of the following types and sizes of cables may be used:
 - A. Max 300 pair No. 24 AWG telephone cable with polyvinyl chloride (PVC) insulation and jacket.
 - B. Max 500 kcmil single copper connector power cable with thermoplastic insulation and PVC jacket.
 - C. Max 7/C No. 12 AWG copper conductor power and control cable with PVC or cross-linked polyethylene (XLPE) insulation and PVC jacket.
 - D. Multiple fiber optical communication cable jacketed with PVC and having a max outside diam of 13 mm.
 - E. Max 3/C No. 12 AWG with bare aluminum ground, PVC insulated steel Metal-Clad cable.
 - F. Max 25 mm diam metal clad TEK cable with PVC jacket.
 - G. Max 3/C with ground 2/0 AWG aluminum conductor SER cable with cross-linked polyethylene (XLPE) insulation and polyvinyl chloride (PVC) jacket.
 - H. RG/U coaxial cable with polyethylene (PE) insulation and polyvinyl chloride (PVC) jacket having a max outside diam of 13 mm.
3. Firestop System — The firestop system shall consist of the following:
 - A. Packing Material — Min 51 mm thickness of min 64 kg/m³ mineral wool batt insulation tightly packed into opening as a permanent form. Packing material to be recessed from top surface of floor as required to accommodate the required thickness of fill material.
 - B. Fill, Void or Cavity Material* — Sealant — Min 6 mm thickness of fill material applied within the annulus, flush with the top surface of floor.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 604 Self-Leveling Firestop Sealant, CFS-S SIL GG or CFS-S SIL SL Sealant
*Bearing the UL Classification Mark



Hilti Firestop Systems

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