

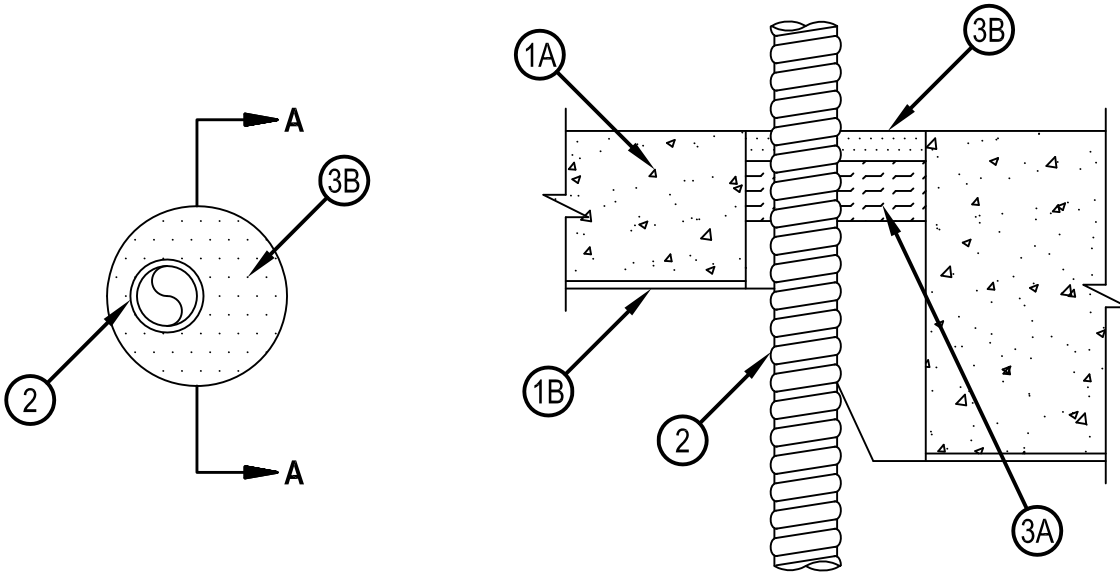


Classified by
Underwriters Laboratories, Inc.
to UL 1479 and CAN/ULC-S115

System No. F-A-1018

FA 1018

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating — 2 Hr	F Rating — 2 Hr
T Rating — 0 Hr	FT Rating — 0 Hr
	FH Rating — 2 Hr
	FTH Rating — 0 H

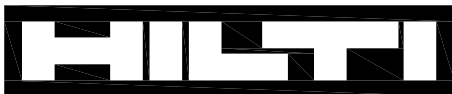


SECTION A-A

1. Floor Assembly — The fire rated unprotected concrete and steel floor assembly shall be constructed of the materials and in the manner specified in the individual D900 Series designs in the UL Fire Resistance Directory and as summarized below:
 - A. Concrete — Min 2-1/2 in. (64 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete.
 - B. Steel Floor and Form Units* — Composite or non-composite max 3 in. (76 mm) deep galv steel fluted units as specified in the individual Floor-Ceiling Design. Max diam of opening is 3 in. (76 mm).
2. Flexible Steel Conduit+ — Nom 1 in. (25 mm) diam (or smaller) flexible steel conduit. Max one conduit installed within the firestop system. The annular space between conduit and periphery of opening shall be min 1/2 in. to max 1-1/4 in. (13 to 32 mm). Conduit to be rigidly supported on both sides of floor assembly.
See Flexible Metal Conduit (DXUZ) category in the Electrical Construction Material Directory for names of manufacturers.
3. Firestop System — The firestop system shall consist of the following:
 - A. Packing Material — Min 1 in. (25 mm) thickness of min 4.0 pcf (64 kg/m³) mineral wool batt insulation firmly packed into the 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 Materials* — Sealant — Min 1/2 in. (13 mm) thickness of sealant applied within annular space, flush with top surface of floor.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

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

+Bearing the UL Listing Mark



Hilti Firestop Systems

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