

Hilti Firestop Systems

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System No. F-C-2335

- 2. Through Penetrants One non-metallic pipe or conduit to be installed concentrically or eccentrically within the opening. The annular space between the pipe, conduit or tubing and the periphery of opening shall be min 3/16 in (4.8 mm). to max 5/16 in. (8 mm). Pipe or conduit to be rigidly supported on both sides of floor-ceiling assembly. The following types and sizes of non-metallic pipes or conduit may be used:
 - A. Polyvinyl Chloride (PVC) Pipe Nom 3 in. (76 mm) diam (or smaller) Schedule 40 cellular core or solid core PVC pipe for use in vented (drain, waste or vent) or closed (process or supply) piping systems.
 - B. Chlorinated Polyvinyl (CPVC) Pipe Nom 3 in. (76 mm) diam (or smaller) SDR13.5 CPVC pipe for use in vented (drain, waste or vent) or closed (process or supply) piping systems.
 - C. Rigid Nonmetallic Conduit+ Nom 3 in. (76 mm) diam (or smaller) PVC conduit installed in accordance with the National Electrical Code (NFPA 70).
 - D. Acrylonitrile Butadiene Styrene (ABS) Pipe Nom 3 in. (76 mm) diam (or smaller) Schedule 40 cellular or solid core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. The T Rating is 1/2 Hr for penetrants with a nom diam of 2 in (51 mm) or smaller. The T Rating is 0 Hr for penetrants with a nom diam greater than 2 in. (51 mm).
- 3. Firestop System The firestop system shall consist of the following:
 - A. Fill, Void or Cavity Material* Wrap Strip One layer of wrap wrapped around pipe with ends tightly butted and held in place with supplied tape. Wrap strip slid into the annular space such that the bottom edge of the wrap strip extends 1/4 in. (6 mm) from the bottom surface of ceiling board or at the underside of the top plate.
 - HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC CP 648S 1.5"(38 mm) US, CP 648S 2"(51 mm) US, CP 648S 3"(76 mm). B. Fill, Void or Cavity Material* - Sealant — Min 1/4 in. (6 mm) bead applied around periphery of wrap strip, at the wrap strip gypsum board interface or at the underside of the top plate. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-One Sealant
 - C. Fill, Void or Cavity Material* Sealant Min 3/4 in (19 mm) depth applied within the annulus, flush with the top surface of the floor or the top surface of the sole plate. 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.



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