



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

System No. HW-D-0825

F Rating — 2 Hr

FT Rating — 2 Hr

FH Rating — 2 Hr

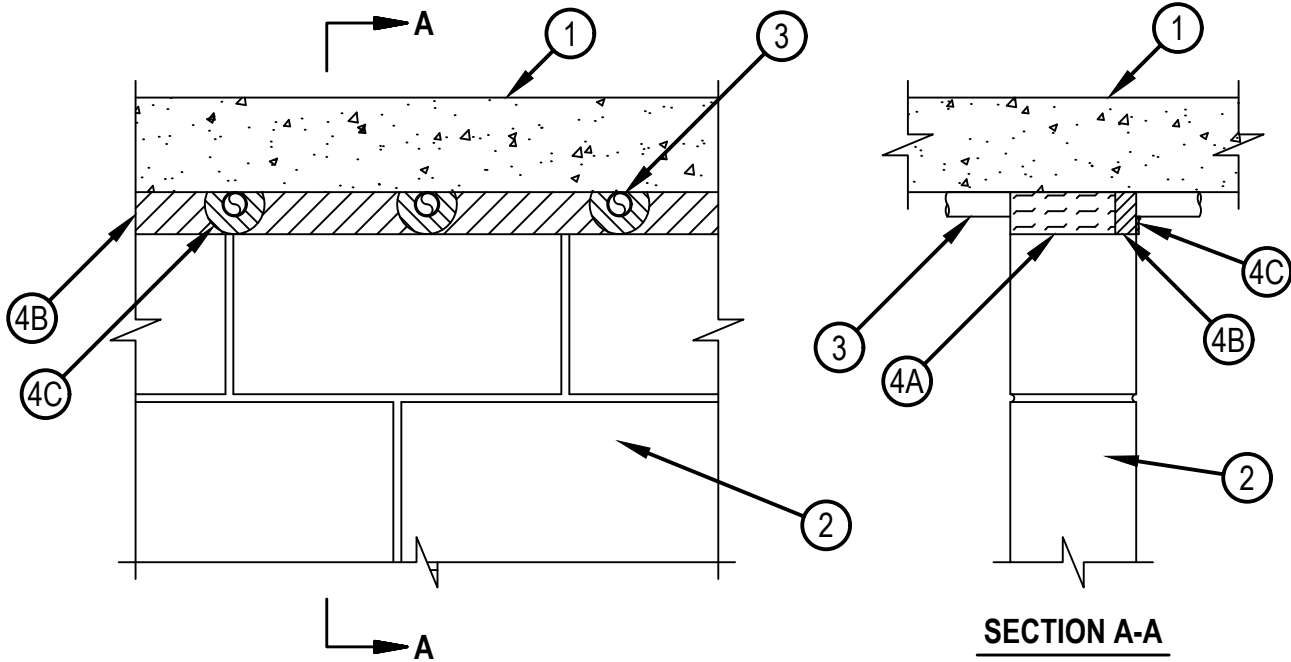
FTH Rating — 2 Hr

Nominal Joint Width - 51 mm

Class II Movement Capabilities — 12.5% Compression or Extension



HWD 0825



Hilti Firestop Systems

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June 15, 2018

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1. Floor Assembly — Min 114 mm (4-1/2 in.) thick steel-reinforced lightweight or normal weight (1600-2400 kg/m³ or 100-150 pcf) structural concrete. Floor may also be constructed of any min 152 mm (6 in.) thick UL Classified hollow-core Precast Concrete Units*
See Precast Concrete Units (CFTV) category in the Fire Resistance Directory for names of manufacturers.
2. Wall Assembly — Min 152 mm (6 in.) thick steel-reinforced lightweight or normal weight (1600-2400 kg/m³ or 100-150 pcf) structural concrete. Wall may also be constructed of any UL Classified Concrete Blocks*.
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
3. Through Penetrants — (Optional) — Penetrants to be installed perpendicular to wall and against the concrete floor. Penetrants installed with a min annular space of 16 mm (5/8 in.) between the penetrant and the concrete wall. The minimum spacing between penetrants shall be 203 mm (8 in.). Penetrants to be rigidly supported and secured tight to the floor, on both sides of the joint system. The following types and sizes of penetrants may be used:
 - A. Conduit — Nom 25 mm (1 in.) diam (or smaller) rigid steel conduit.
4. Joint System — Max separation between bottom of floor and top of wall (at time of installation of joint system) is 51 mm (2 in.). The joint system is designed to accommodate a max 12.5 percent compression or extension from its installed width. The joint system shall consist of forming and fill materials as follows:
 - A. Forming Material* — Nom 64 kg/m³ (4 pcf) mineral wool batt compressed in thickness minimum 50% and installed within the joint such that it is flush with one side of wall, and recessed 25 mm (1 in.) from opposite side of wall to accommodate the fill material (Item 4B).
When penetrants (Item 3) are used, the forming material shall be friction fit around each penetrant and installed with min 50% compression between penetrant and top of wall.
INDUSTRIAL INSULATION GROUP L L C — MinWool-1200 Safing
ROCK WOOL MANUFACTURING CO — Delta Board
ROCKWOOL MALAYSIA SDN BHD — SAFE
ROCKWOOL — SAFE
THERMAFIBER INC — SAF
 - B. Fill, Void or Cavity Material* — Sealant — Min 25 mm (1 in.) thickness of fill material applied within the joint flush with one side of wall.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 606 Sealant
 - C. Fill, Void or Cavity Material* — Nom 60 mm diam by 3 mm thick putty discs with one seam at radius. Paper-backer of disc to be removed and a disc firmly pressed around the accessible circumference of each penetrant (Item 3) and over the sealant (Item 4B) at face of joint.
One disc shall be applied around each penetrant and disc(s) to be installed at the side of joint with sealant (Item 4B).
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CFS-D 1" Firestop Cable Disc

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



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