

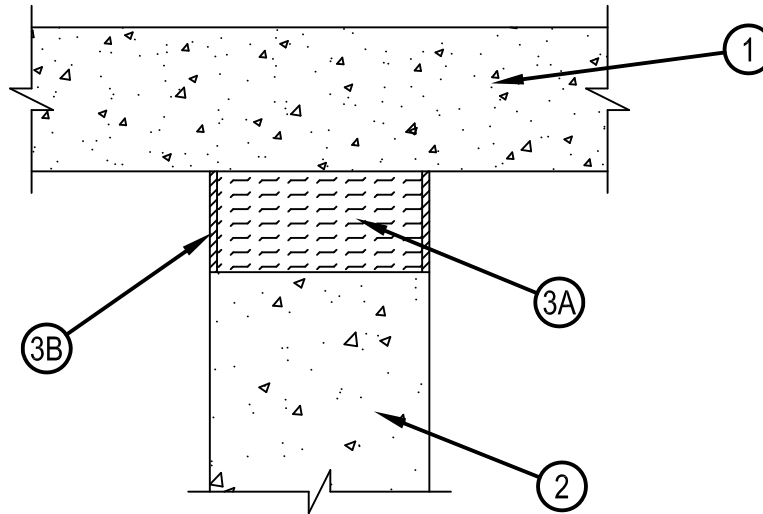


Classified by  
Underwriters Laboratories, Inc.  
to UL 2079 and CAN/ULC-S115

## System No. HW-D-1008

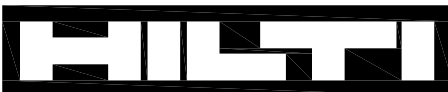
HW-D-1008

ANSI/UL2079	CAN/ULC S115
Assembly Rating — 3 Hr	F Rating — 3 Hr
Nominal Joint Width - 3-1/2 In.	FT Rating — 3 Hr
Class II Movement Capabilities - 14% Compression or Extension	FH Rating — 3 Hr
	FTH Rating — 3 Hr
	Nominal Joint Width - 3-1/2 In.
	Class II Movement Capabilities - 14% Compression or Extension



1. Floor Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf) (1600-2400 kg /m<sup>3</sup>) structural concrete.
2. Wall Assembly — Min 4-3/4 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf) (1600-2400 kg /m<sup>3</sup>) 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. Joint System — Max separation between bottom of floor and top of wall (at time of installation of joint system) is 3-1/2 in. (89 mm). The joint system is designed to accommodate a max 14 percent in compression or extension from its installed width. The joint system shall consist of the following:
  - A. Forming Material — Min 4 pcf (64 kg/m<sup>3</sup>) mineral wool batt insulation installed in joint opening as a permanent form. Pieces of batt cut to min width of 4-1/4 in. (108 mm) and installed edge-first into joint opening, parallel with joint direction, such that batt sections are compressed min 42 percent in thickness and that the compressed batt sections are recessed from both surfaces of the wall to accommodate the required thickness of fill material. Adjoining lengths of batt to be tightly-butted with butted seams spaced min 24 in. (610 mm) apart along the length of the joint.
  - A1. Forming Material (as an alternate to item 3A) — Min 6 pcf (96 kg/m<sup>3</sup>) ceramic blanket insulation installed in joint as a permanent form. Pieces of batt cut to min width of 4-1/4 in. (108 mm) and installed edge-first into joint opening, parallel with joint direction, such that batt sections are compressed min 50 percent in thickness and that the compressed batt sections are recessed from both surfaces of the wall to accommodate the required thickness of fill material. Adjoining lengths of batt to be tightly-butted with butted seams spaced min 24 in. (610 mm) apart along the length of the joint.
  - B. Fill, Void or Cavity Material\* — Sealant — Min 1/4 in. (6 mm) thickness of fill material applied within the joint, flush with both surfaces of wall. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP601s Elastomeric Firestop Sealant or CFS-S SIL GG Sealant

\*Bearing the UL Classification Mark



**Hilti Firestop Systems**

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