



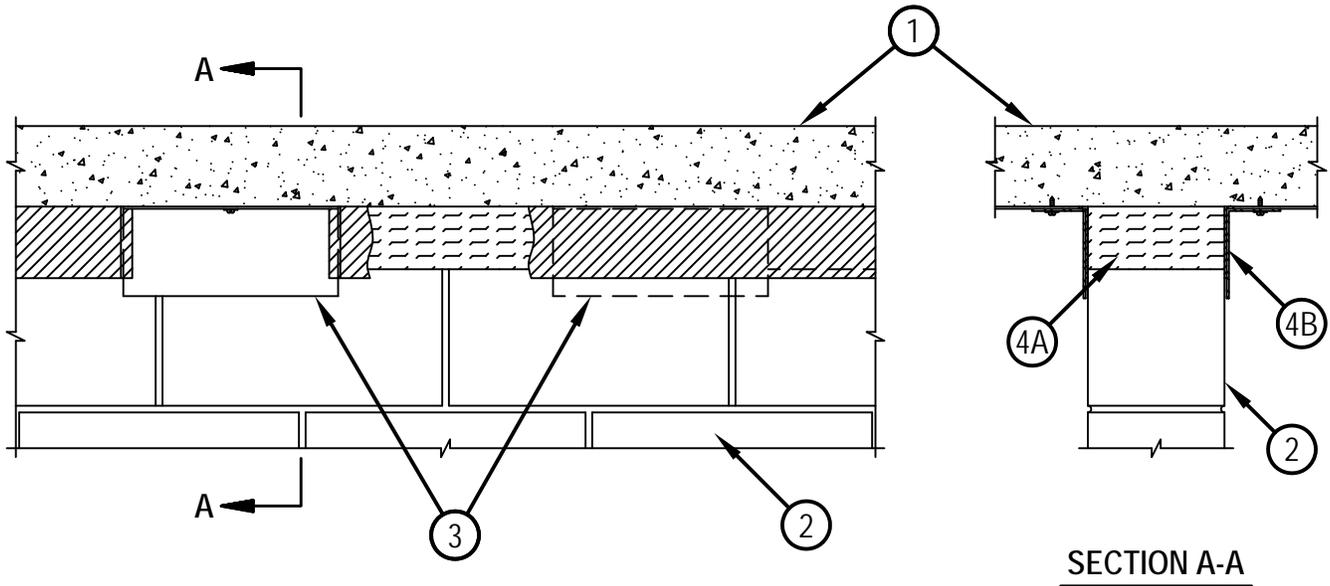
Classified by
Underwriters Laboratories, Inc.
to UL 2079 and CAN/ULC-S115

System No. HW-D-1045

Assembly Rating — 2 Hr
Nominal Joint Width — 3-1/2 In.

Class II Movement Capabilities — 14% Compression and Extension

HWD 1045



1. Floor Assembly — Min 4-1/2 in. thick steel reinforced lightweight or normal weight (100-150 pcf) structural concrete.
2. Wall Assembly — Min 8 in. thick steel reinforced lightweight or normal weight (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. Steel Angles — Nom 5 in. by 3 in. by 12 MSG (or heavier) steel angles, max 12 in. long, staggered max 24 in. OC on opposite sides of wall with 3 in. leg fastened to concrete floor assembly.
4. Joint System — Max separation between bottom of floor units and top of concrete wall at time of installation is 3-1/2 in. The joint system is designed to accommodate a max 14 percent compression or extension from its installed width. The joint system shall consist of the following:
 - A. Forming Material* — Nominal 4 in thick pieces of nominal 4 pcf forming material, min 8 in. wide, shall be compressed 50 percent in thickness and installed edge first into joint opening between bottom of floor assembly and top of concrete wall.
THERMAFIBER INC — Type SAF
 - B. Fill, Void or Cavity Material* - Sealant — A 1/8 in. wet thickness of fill material sprayed or trowled on each side of wall to completely cover mineral wool forming material and to overlap a min 1/2 in. onto steel angles, concrete floor assembly and concrete wall.
HILTI CONSTRUCTION CHEMICALS, DIV OF
HILTI INC — CP672 Firestop Spray or CFS-SP WB Firestop Joint Spray

*Bearing the UL Classification Mark



Hilti Firestop Systems

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