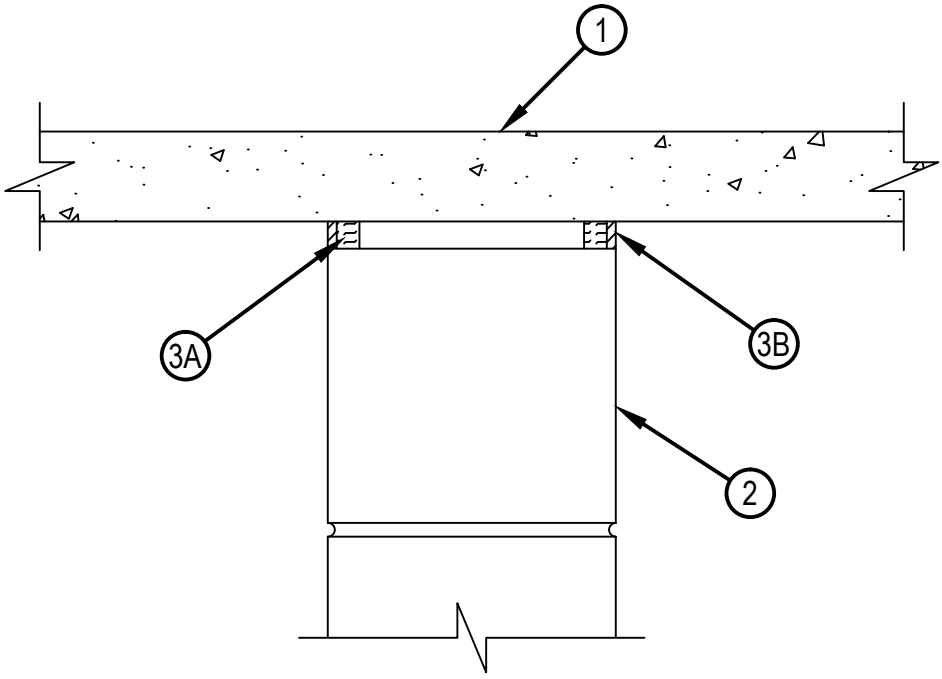
System No. HW-D-0516

Assembly Rating — 2 Hr
Nominal Joint Width — 3/4 In.
Class II Movement Capabilities — 17% Compression Or Extension



1. Floor Assembly — Min 2-1/2 in. (64 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) structural concrete. Floor may also be constructed of any min 6 in. (152 mm) 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 7-7/8 in. (194 mm) thick steel reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) 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 manufactures.
3. Joint System — Max separation between bottom of floor and top of wall is 3/4 in. (19 mm). The joint system is designed to accommodate a max 17 percent compression or extension from its installed width. The joint system consists of a forming material and a fill material between the top of the wall and the bottom of the floor, as follows:
   A. Forming Material* - Strips — Nom 5/8 in. (16 mm) wide precut mineral wool strips. The strips are compressed 25 percent and firmly packed, cut edge first, into the gap between the top of wall assembly and the bottom of the floor on both sides of the wall. Forming material to be recessed from wall surfaces to accommodate fill material.
      HILTI CONSTRUCTION CHEMICALS, DIV OF
      HILTI INC — CP 767 Speed Strips
   A1. Forming Material* — As an alternate to Item 3A, min 4 pcf (64 kg/m3) density mineral wool batt insulation shall be cut into min 5/8 in. (16 mm) wide by 1 in. (25 mm) thick strips to fill the gap between the top of the wall and the bottom of the floor on both sides of the wall. The strips are compressed 25 percent and firmly packed, cut edge first, into the gap between the top of wall assembly and the bottom of the floor on both sides of the wall. Forming material to be recessed from wall surfaces to accommodate fill material.
      FIBREX INSULATIONS INC — FBX Safing Insulation
   B. Fill, Void or Cavity Material* - Sealant — Min 1/4 in. (6 mm) thickness of fill material installed on each side of the wall between the top of the wall and the bottom of the floor, flush with each surface of wall.
      HILTI CONSTRUCTION CHEMICALS, DIV OF
      HILTI INC — CP606 Sealant

*Bearing the UL Classification Mark