

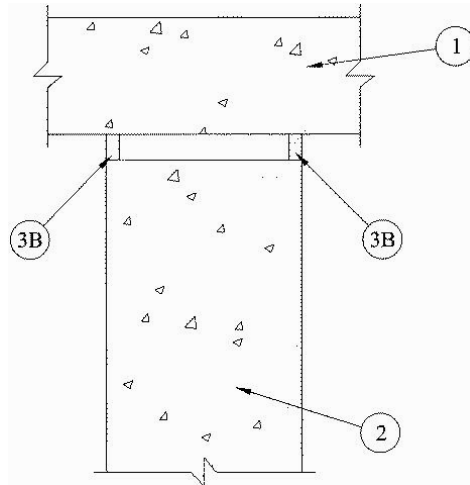
## System No. HW-D-0017

March 12, 2004

Assembly Rating – 2 Hr

Nominal Joint Width – 1 In.

Class II and III Movement Capabilities – 25% Compression  
(UL/cUL)



1. **Floor Assembly** – Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf (1600-2400 kg/cu meter)) structural concrete.
2. **Wall Assembly** – Min 5 in. (127 mm) thick reinforced lightweight or normal weight (100-150 pcf (1600-2400 kg/cu meter)) 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 1 in. (25 mm).** The joint system is designed to accommodate a max 25 percent compression from its installed width. The joint system consists of a packing or forming material and a fill material between the top of the wall and the bottom of the floor, as follows:
  - A. **Packing Material** – (Optional - Not Shown) – Polyurethane foam backer rod firmly packed into joint opening as a permanent form and recessed from each surface of wall to accommodate the required thickness of fill material.
  - A1. **Forming Material\*** – (Optional - Not Shown) – Min 3/4 in. (19 mm) width of 4 pcf (64 kg/cu meter) mineral wool batt insulation compressed 50 percent and packed into the gap between the top of the wall and bottom of the floor on both sides of the wall.
    - FIBREX INSULATIONS INC** – FBX Safing Insulation
    - IIG MINWOOL L L C** – MinWool-1200 Safing
    - ROCK WOOL MANUFACTURING CO** – Delta Board or Delta-8
    - ROXUL INC** – Type Safe
    - THERMAFIBER INC** – Type SAF
  - B. **Fill, Void or Cavity Material\*** – A min 1/2 in. (13 mm) thickness of fill material installed on each side of the wall between the top of the wall and bottom of the concrete floor.
    - TREMCO INC** – TREMstop Acrylic or Fyre-Sil

\*Bearing the UL Classification Mark



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