

Joint Systems

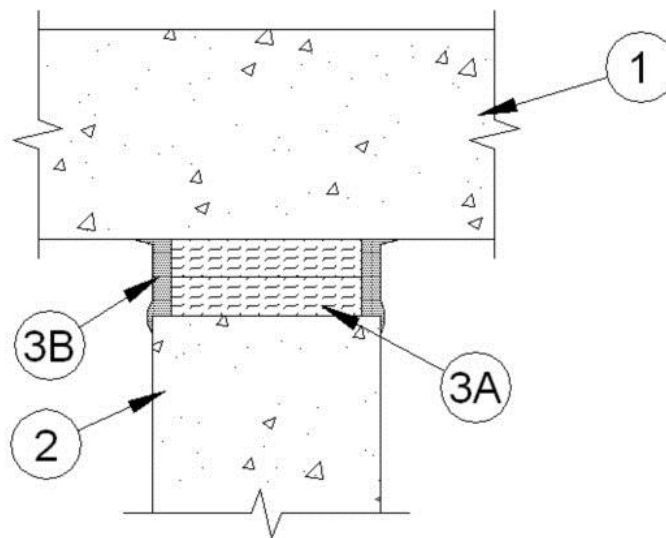
System No. HW-D-0508

June 24, 2008

Assembly Rating — 4 Hr

Nominal Joint Width — 2 In.

Class II Movement Capabilities — 13% Compression or Extension



1. **Floor Assembly** — Min 5-1/2 in. (140 mm) thick steel-reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) structural concrete.
2. **Wall Assembly** — Min 6 in. (152 mm) thick steel-reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) 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 width of joint (at time of installation of joint system) is 2 in. (51 mm). System is designed to accommodate a max 13 percent compression or extension from its installed width. The joint system shall consist of the following:

A. **Forming Material*** — Min 4 pcf (64 kg/m³) mineral wool batt insulation installed in joint opening as a permanent form. Pieces of batt cut to min width of 5 in. (127 mm) and installed edge-first into joint opening, parallel with joint direction, such that batt sections are compressed min 50 percent in thickness and such that the compressed batt sections are recessed from both surfaces of wall as required to accommodate the required thickness of fill material. Adjoining lengths of batt to be tightly-buttressed with buttressed seams spaced min 24 in. (610 mm) apart along the length of the joint.

FIBREX INSULATIONS INC — FBX Safing Insulation

IIG MINWOOL L L C — MinWool-1200 Safing

ROCK WOOL MANUFACTURING CO — Delta Safing Insulation

ROXUL INC — SAFE Mineral Wool

THERMAFIBER INC — SAF Mineral Wool

W R GRACE & CO - CONN — FlameSafe Mineral Wool

B. Fill, Void or Cavity Material* - Sealant — Min 1/2 in. (13 mm) thickness of fill material applied within the joint, flush with both surfaces of wall. A min 1/8 in. (3 mm) thick crown of fill material shall be applied to lap a min of 1/2 in. (13 mm) onto the surface of the wall and onto the floor on each side of the wall assembly.

ACCUMETRIC L L C — Boss 816

*Bearing the UL Classification Mark