

Joint Systems

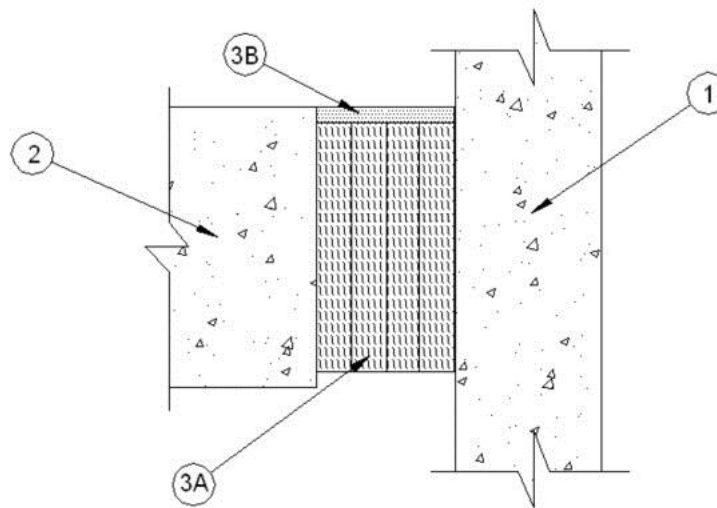
System No. FW-D-0044

June 24, 2008

Assembly Rating — 4 Hr

Nominal Joint Width — 2 In.

Class II Movement Capabilities — 12.5% Compression or Extension



1. **Wall Assembly** — Min 6 in. (152 mm) thick 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.

2. **Floor Assembly** — Min 6 in. (152 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) structural concrete.

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

3. Joint System — Max separation between edge of floor and face of wall (at time of installation of joint system) is 2 in. (51 mm). The joint system is designed to accommodate a max 12.5 percent compression or extension from it's 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 5-1/2 in. (140 mm) and installed edge-first into joint opening, parallel with joint direction, such that batt sections are compressed min 33 percent in thickness and that the compressed batt sections are recessed from top surface of the floor as required 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 top surface of floor.

ACCUMETRIC L L C — Boss 816

*Bearing the UL Classification Mark