

Joint Systems

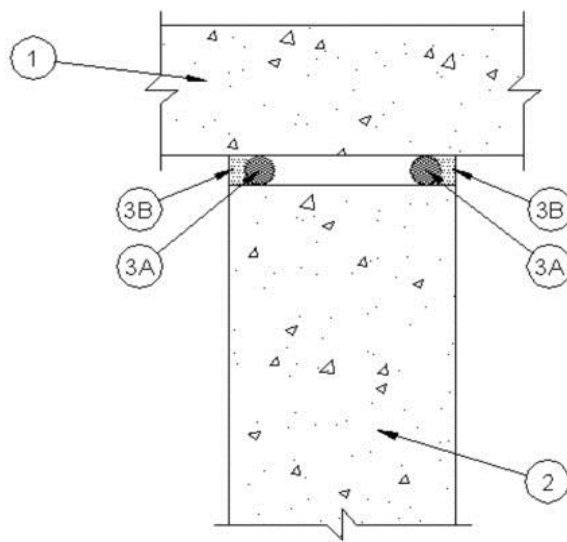
System No. HW-D-0510

July 07, 2008

Assembly Rating — 2 Hr

Nominal Joint Width — 1 In.

Class II Movement Capabilities — 12.5% Compression or Extension



1. **Floor Assembly** — Min 4-1/2 in. (114 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 4-1/2 in. (114 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.

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 12.5 percent compression or extension from it's installed width. The joint system shall consist of the following:

A. **Packing Material** — (Optional) Open or closed cell polyurethane foam backer rod used as a form to prevent the leakage of fill material. Packing material to be recessed from both surfaces of the wall as required to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Material* - Sealant** — Fill material applied within the joint, flush with both surfaces of wall. Min fill material thickness is 1/2 in. (13 mm).

ACCUMETRIC L L C — Boss 816

*Bearing the UL Classification Mark