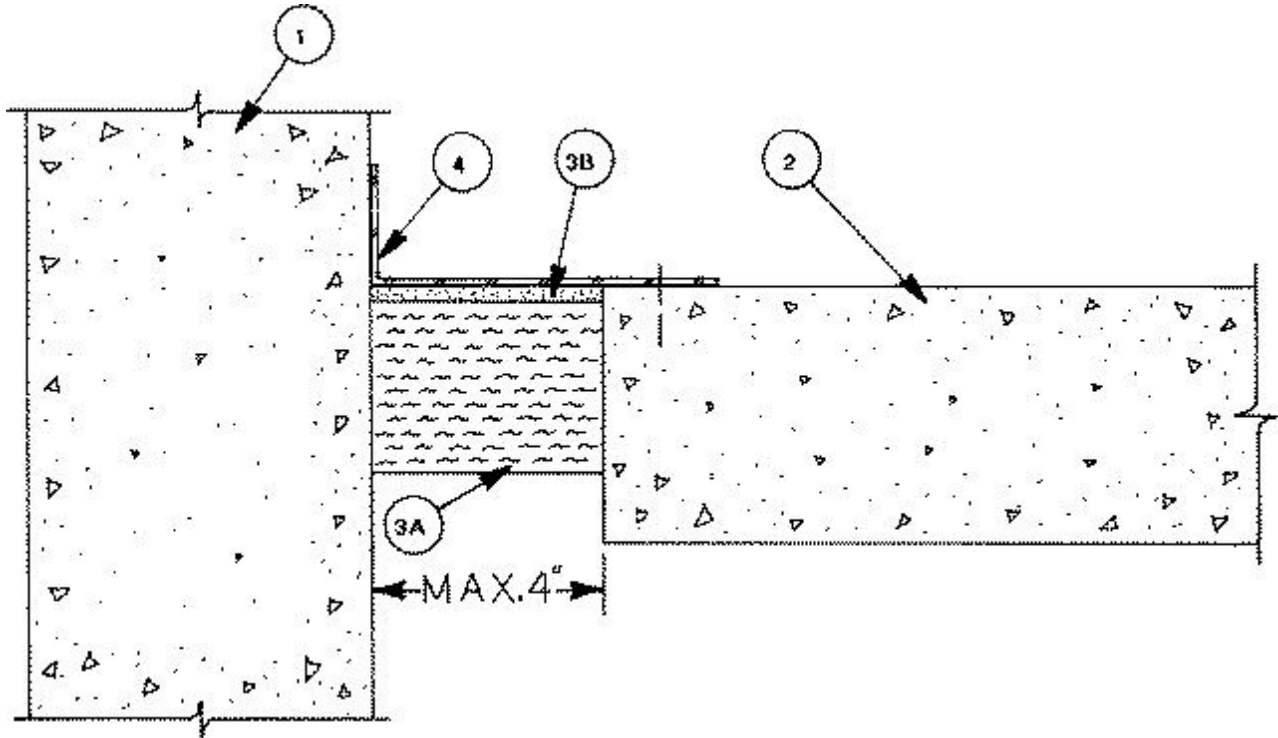


## System No. FW-S-1001

November 05, 1997

Assembly Rating — 1-1/2 Hr

Joint Width — 4 In. Maximum



1. **Wall Assembly** — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) 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 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) structural concrete.

3. **Joint System** — Max separation between edge of floor and face of wall is 4 in. The joint system shall consist of the following:

A. **Packing Material** — Min 3 in. thickness of min 8 pcf mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor as required to accommodate the required thickness of fill material.

B. **Fill, Void or Cavity Material\*** — Min 1/4 in. thickness of fill material applied within the joint, flush with top surface of floor.

**RECTORSEAL** — Biotherm 100, Biotherm 200 SL

4. **Joint Cover** — Min 0.034 in. thick (No. 20 gauge) galv steel sheet formed into an angle with a min 2 in. vertical leg and width a horizontal leg having a width at least 2 in. greater than the width of the joint opening. Adjoining lengths of joint cover to overlap min 2 in. Joint cover vertical leg to abut wall with horizontal leg secured to concrete floor with steel anchor bolts, or equivalent, spaced max 12 in. OC.

\*Bearing the UL Classification Mark