



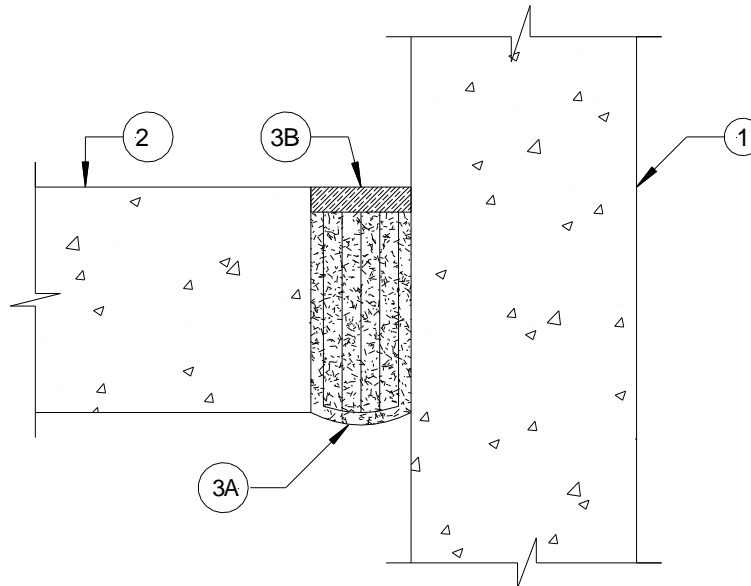
# Backer Rod Mfg. Inc.

[www.backerrod.com](http://www.backerrod.com)

Customer Service (800) 595 2950



**UL System No. FW-S-0013**  
September 23, 2005  
**Assembly Rating – 3 Hr**  
**Joint Width – 2 In. (51 mm) Maximum**



1. **Wall Assembly** – Min 4 1/2 in. (114 mm) thick reinforced lightweight or normal weight (100 – 150 pcf or 1600-2400 kg/m<sup>3</sup>) structural concrete. Wall may also be constructed of ant UL Classified **Concrete Blocks\***.

See **Concrete Blocks** (CATZ) category in the Fire Resistance Directory for names of manufacturers

2. **Floor Assembly** – Min 4 1/2 in. (114 mm) thick steel-reinforced lightweight or normal weight (100 – 150 pcf or 1600-2400 kg/m<sup>3</sup>) structural concrete.

3. **Joint System** – Max separation between edge of floor and face of wall is 2 in. (51 mm). The joint system shall consist of the following:

- A. **Forming Material\*** - Min 10 in. (254 mm) width of forming material shall be folded in half, compressed min 60 percent in thickness and firmly packed into joint opening as a permanent form. Forming material to be recessed from top surface of floor to accommodate the required thickness of fill material.

**BACKER ROD MFG. INC. – ULTRA BLOCK®**

- B. **Fill, Void or Cavity Material\*** - Prior to the installation of the fill material into the joint, the concrete surfaces shall be treated with 2 component LymTal International, Inc. Primer 10 in accordance with the installation instructions accompanying the primer. Min 3/8 in. (10 mm) thickness of fill material applied within the joint, flush with top surface of floor.

**LYMTAL INTERNATIONAL INC – ISO-FLEX 880-GB, ISO-FLEX 881 and ISO-FLEX 830**

\*Bearing the UL Classification Mark