

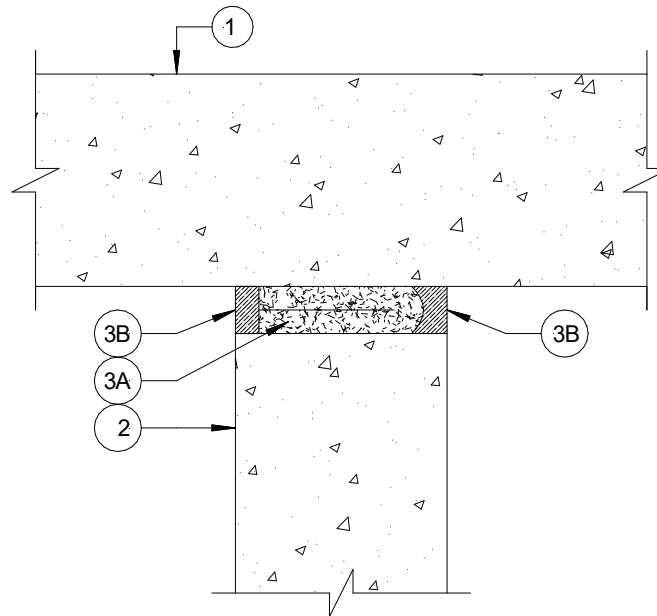


# Backer Rod Mfg. Inc.

[www.backerrod.com](http://www.backerrod.com)  
Customer Service (800) 595 2950



**UL System No. HW-S-0077**  
September 23, 2005  
**Assembly Rating – 2 Hr**  
**Joint Width – 3/4 In. (19 mm) Maximum**



1. **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.
2. **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

3. **Joint System** – Max separation between bottom of floor and top of wall is 3/4 in. (19 mm) The joint system shall consist of the following:
  - A. **Forming Material\*** - A nom 6 in. (152 mm) width of forming material shall be folded in half, compressed min 25 percent and firmly packed into joint opening as a permanent form. Forming material to be recessed from each surface of wall to accommodate the required thickness of fill material.  
**BACKER ROD MFG. INC. – ULTRA BLOCK®**
  - B. **Fill, Void or Cavity Material\*** - Min 1/2 in. (13 mm) thickness of fill material applied within the joint, flush with each surface of wall.  
**DOW CORNING CORP – 790 or 795 SEALANT**

\* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.