



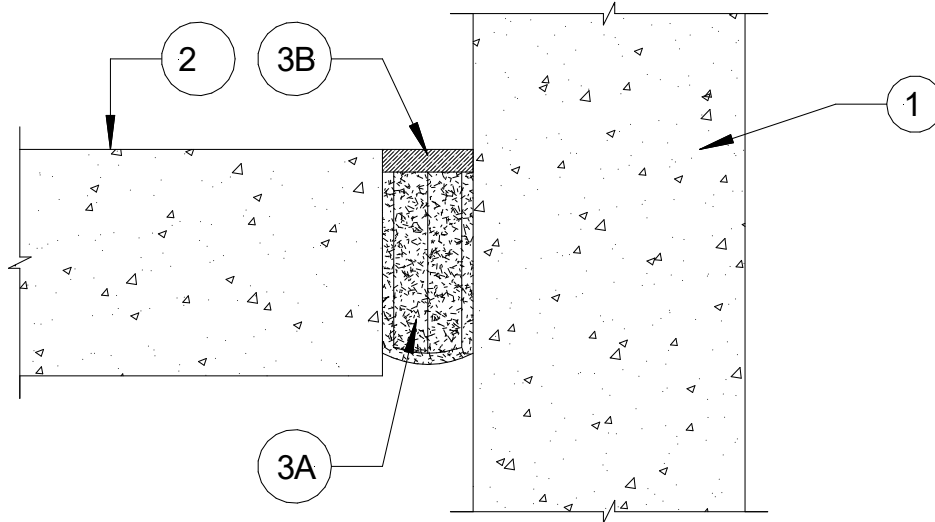
# Backer Rod Mfg. Inc.

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

Customer Service (800) 595 2950



**UL System No. FW-S-0010**  
September 23, 2005  
**Assembly Rating – 4 Hr**  
**Joint Width – 2 In. (51 mm) Maximum**



1. **Wall Assembly** – Min 8 in. (203 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 any UL **Classified Concrete Blocks**\*.

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

2. **Floor Assembly** – Min 8 in. (203 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 14 in. (356 mm) width of forming material shall be folded in half, compressed min 27 percent and installed into joint opening as a permanent form. Forming material to be recessed from top surface of the floor 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 top surface of the floor.

**SIKA CORPROATION – SIKAFLEX 2CNS**

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