



# Backer Rod Mfg. Inc.

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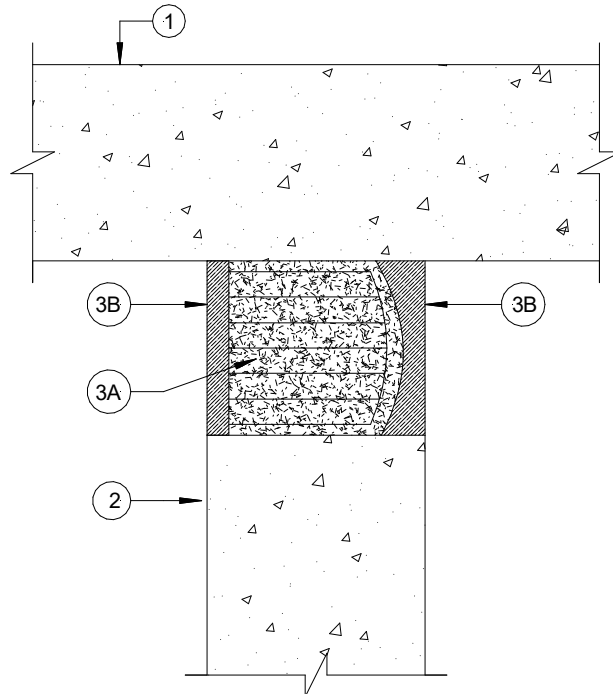


## UL System No. HW-S-1013

April 12, 2005

Assembly Rating – 2 Hr

Joint Width – 4 In. 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 5 in. (127 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

3. **Joint System** – Max separation between bottom of floor and top of wall is 4 in. (102 mm). The joint system shall consist of the following:
  - A. **Forming Material\*** - A nom 11 in. (279 mm) wide by 3-3/8 in. (86 mm) thick blanket folded in half and compressed min 40 percent in thickness. Forming material installed into opening as a permanent form and 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.  
**EGS NELSON FIRESTOP – CLK N/S (Non-Sag) CAULK**

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