



# Backer Rod Mfg. Inc.

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Customer Service (800) 595 2950

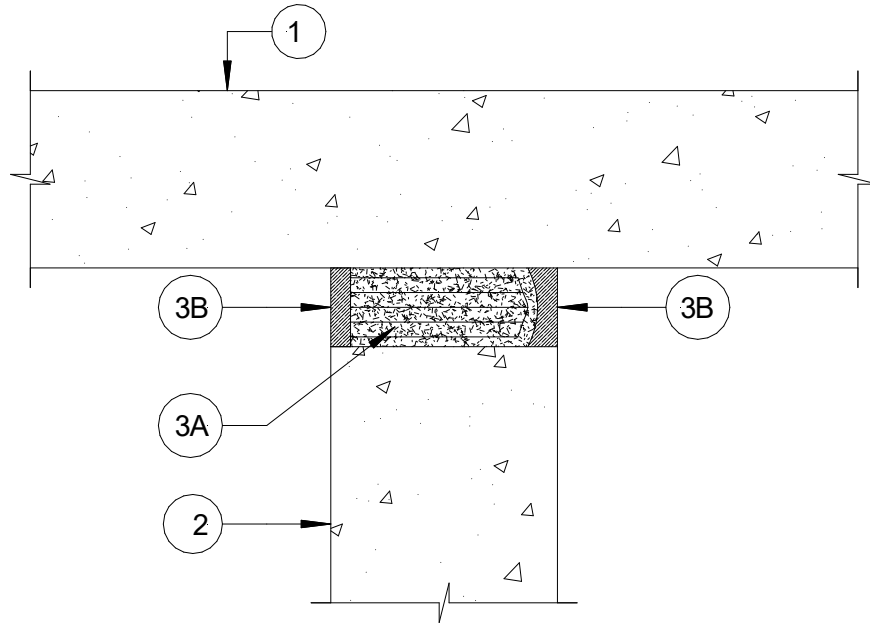


## UL System No. HW-S-0074

September 23, 2005

Assembly Rating – 3 Hr

Joint Width – 2 In. (51 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 5-3/4 in. (146 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 2 in. (51 mm). The joint system shall consist of the following:
  - A. **Forming Material\*** - Min 10 in. (254 mm) width of forming material, folded in half and compressed min 60 percent into 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\*** - Prior to the installation of the caulk 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 both surfaces of wall.  
**LYMTAL INTERNATIONAL INC – ISO-FLEX 880-GB, ISO-FLEX 881 and ISO-FLEX 830**

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