



Backer Rod Mfg. Inc.

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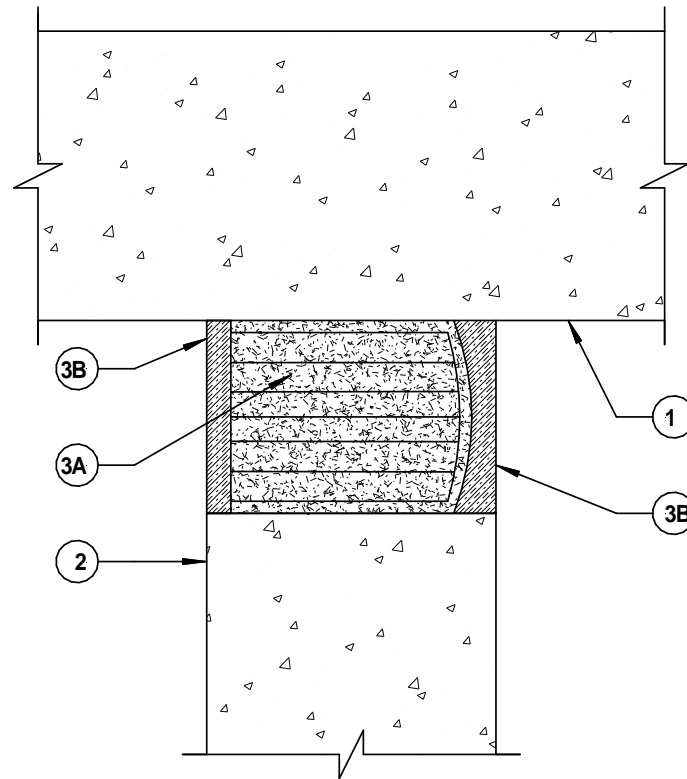


UL System No. HW-S-1012

April 15, 2009

Assembly Rating – 4 Hr

Joint Width – 4 In. Maximum



1. **Floor Assembly** – Min 6 in. thick reinforced lightweight or normal weight (100 – 150 pcf) structural concrete.
2. **Wall Assembly** – Min 6 in. thick reinforced lightweight or normal weight (100 – 150 pcf) 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 width of the joint is 4 in. The joint system shall consist of the following:
 - A. **Forming Material*** - A nom 16 in. width of forming material shall be folded in half and firmly packed into joint opening as a permanent form. Forming material to be recessed from both surfaces of wall as required to accommodate the required thickness of fill material. See manufacturer's installation instructions for size and configuration of forming material.
BACKER ROD MFG. INC. – ULTRA BLOCK®
 - B. **Fill, Void or Cavity Material*** - Min ½ in. thickness of fill material applied within the joint, flush with both surfaces of wall.
BASF CONSTRUCTION CHEMICAL LLC – SONOLASTIC NP1 or NP2

*Bearing the UL Classification Mark