



Backer Rod Mfg. Inc.

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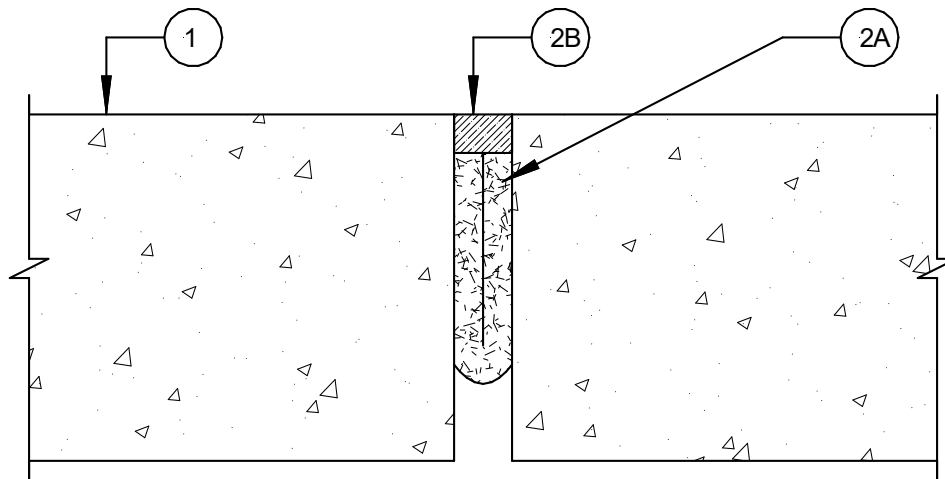
UL System No. WW-S-0012

July 02, 1997

Assembly Rating – 2 Hr

Joint Width – $\frac{3}{4}$ In. Maximum

(Limited to Fire Exposure on Interior Surface Only)



1. **Wall Assembly** – Min 4 $\frac{1}{2}$ 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.

2. **Joint System** – Max width of the joint is $\frac{3}{4}$ in. The joint system shall consist of the following:
 - A. **Forming Material*** - A nom 6 in. width of forming material shall be folded in half and firmly packed into opening as a permanent form. The thickness of the forming material is dependant upon the width of the joint. For joint openings up to $\frac{1}{2}$ in. in width, the forming material shall be a min of $\frac{3}{8}$ in. thick. For joint openings up to $\frac{3}{4}$ in. in width, the forming materials shall be a min of $\frac{1}{2}$ in. thick. Forming material to be recessed from exterior surface of wall as required to accommodate the required thickness of fill material.

BACKER ROD MFG. INC. – ULTRA BLOCK®
 - B. **Fill, Void or Cavity Material*** - Min $\frac{1}{2}$ in. thickness of fill material applied within the joint, flush with exterior face 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.