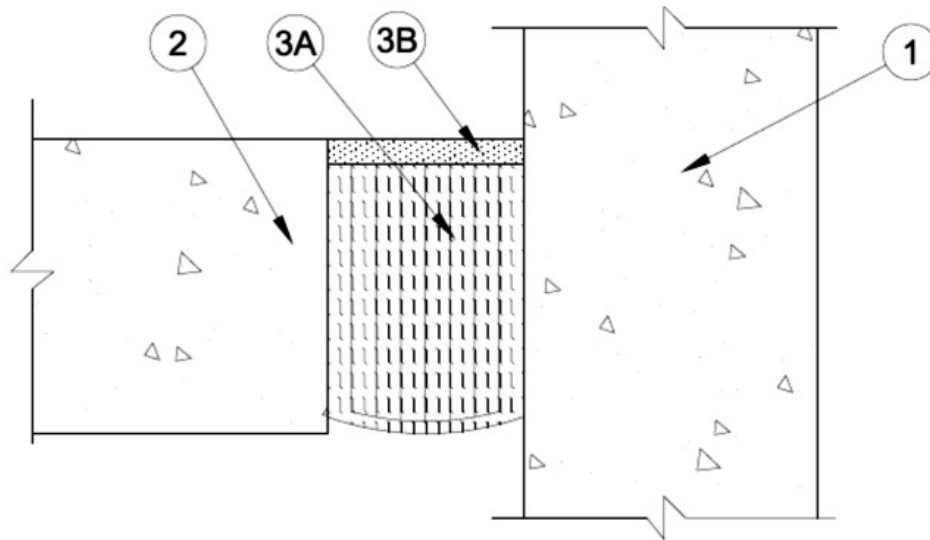


Assembly Rating — 2 Hr  
Joint Width — 4 In. Max



1. **Wall Assembly** — Min 4-1/2 in. (114 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** (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. **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.
3. **Joint System** — Max separation between edge of floor and face of wall is 4 in. (102 mm). The joint system shall consist of the following:
  - A. **Forming Material\*** — Min 11 in. (279 mm) width of forming material folded in half, compressed min 40 percent in thickness and friction fitted into opening as a permanent form. Forming material to be recessed from top surface of floor to accommodate the required thickness of fill material.  
**BACKER ROD MFG INC — ULTRA BLOCK®**
  - B. **Fill, Void or Cavity Material\* - Sealant** — Min 1/2 in. (13 mm) thickness of fill material applied within the joint, flush with top surface of floor.  
**RECTORSEAL** — FS4000 Sealant, [Metacaulk 835+](#), Biotherm 100

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

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