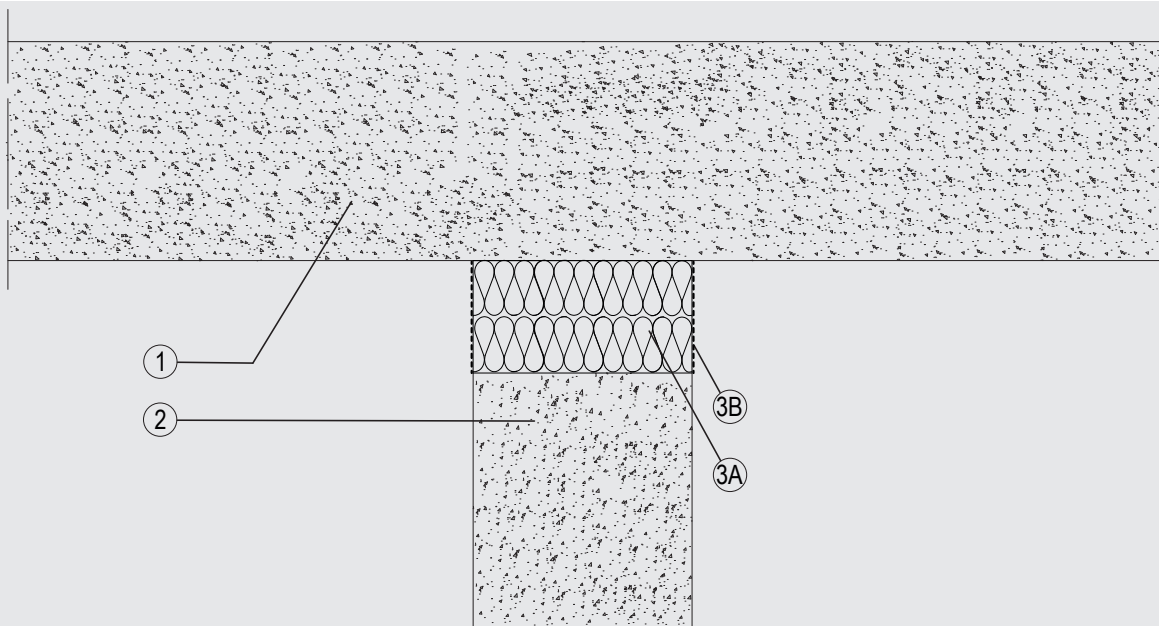


Joint Systems

System No. HW-D-0982

CAN / ULC S115

| |
|--------------------------|
| F Rating – 3 Hr |
| FT Rating – 3 Hr |
| FH Rating – 0 Hr |
| FTH Rating – 0 Hr |
| Joint Width – See Item 3 |



1. Floor Assembly

Min. 115 mm thick reinforced lightweight or normal weight (1600-2400 kg/m) structural. Floor may also be constructed of any min. 152 mm thick UL Classified hollow-core Precast Concrete Units*.

See Precast Concrete Units (CFTV) category in the Fire Resistance Directory for names of manufacturers.

2. Wall Assembly

Min. 115 mm thick lightweight or normal weight (1600-2400 kg/m) 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.

3. Joint System

Max separation between bottom of floor assembly and top of concrete wall at time of installation is 25 mm or 50mm and is designed to accommodate a max 15 or 30 percent compression or extension from its installed width, as specified in table below. The joint system shall consist of the following:

A. Mineral and Fiber Boards* – Min. 64 kg/m mineral wool batt insulation cut to required width and installed edge-first into the joint opening, parallel with the joint direction, such that batt sections are compressed min. 50 percent in thickness and that the compressed batt sections are recessed from both surfaces of wall as required to accommodate the required thickness of fill material (Item 3B).

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B. Fill, Void or Cavity Material* – Sealant – Min. thickness of fill material applied within the joint, flush with each surface of the wall, as specified in the table below.

| Max Nom Joint Width [mm] | Min. thickness of Mineral and Fiber Boards (Item 3A) [mm] | Min Sealant Thickness (Item 3B) [mm] | Class II and III Movement Capabilities [%] |
|--------------------------|---|--------------------------------------|--|
| 25 | 111 | 2 | 30 (compression or extension) |
| 50 | 109 | 3 | 15 (compression or extension) |

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