

UL System No. FF-D-0014

December 05, 2016

ANSI/UL2079

Assembly Rating – 4 Hr
Nominal Joint Width – 2 in.

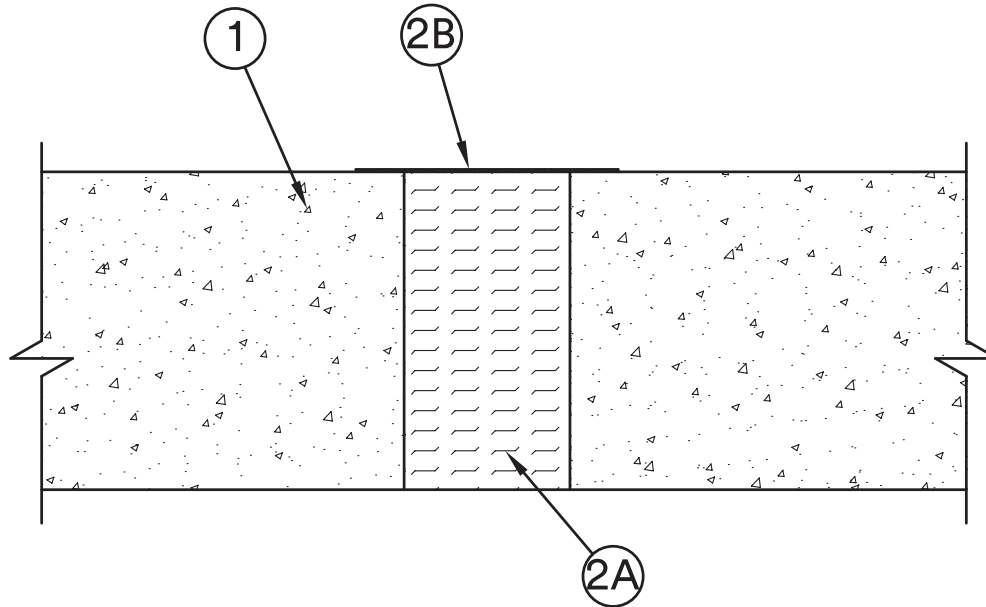
Class II Movement Capabilities – 19% Compression or Extension

CAN/ULC S115

F Rating – 4 Hr
FT Rating – 4 Hr
FH Rating – 4 Hr
FTH Rating – 4 Hr

Nominal Joint Width – 51 mm

Class II Movement Capabilities – 19% Compression or Extension




1. **Floor Assembly** – Min 6 in. (152 mm) thick steel-reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) structural concrete.
2. **Joint System** – Max width of joint (at time of installation of joint system) is 2 in. (51 mm). The joint system is designed to accommodate a max 19 percent compression or extension from its installed width. The joint system shall consist of the following:
 - A. **Forming Material*** – Min 4 pcf (64 kg/m³) mineral wool batt insulation installed in joint opening as a permanent form. Batt cut to min width of 6 in. (152 mm) and installed edge-first into joint opening, parallel with joint direction, such that batt sections are compressed min 50 percent in thickness and such that the compressed batt sections are flush with top surface of floor. Adjoining lengths of batt to be tightly butted with butted seams spaced min 48 in. (1.2 m) apart along the length of the joint.

INDUSTRIAL INSULATION GROUP LLC – MinWool-1200 Safing
JOHNS MANVILLE – Safing
THERMAFIBER INC – Type SAF
ROCK WOOL MANUFACTURING CO – Delta Safing Board
ROCKWOOL MALAYSIA SDN BHD – Type Safe
ROXUL INC – Type Safe
 - B. **Fill, Void or Cavity Material* – Tape** – As an alternate to Item 2B, Tape cut to size and press applied to top surface of floor to completely cover mineral wool and overlap a min of 1/2 in. (13 mm) onto concrete floor.

3M COMPANY – FireDam™ Spray 200
 - B1. **Fill, Void or Cavity Material* – Tape** – As an alternate to Item 2B, Tape cut to size and press applied to top surface of floor to completely cover mineral wool and overlap a min of 1 in. (25 mm) onto the concrete floor at both sides of joint. Tape shall be applied in minimum 1 ft (305 mm) lengths along the joint at top of floor and adjoining lengths of Tape shall overlap min 1/2 in. (13 mm).

3M COMPANY – 3M Fire and Water Barrier Tape

*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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Construction Joints

Floor to Floor

FFD