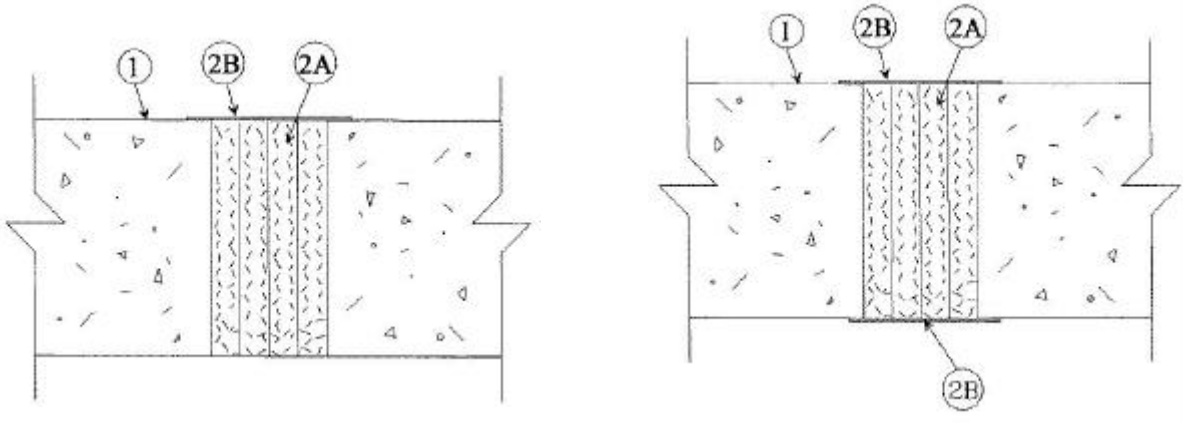


DESIGN NO. JF 99
F, FH, FT and FTH Rating - 2 h
Nominal Joint Width - 89 mm
Movement Capabilities – 14.3% Compression or Extension



1. **Floor or Wall Assembly** – Minimum 114 mm thick reinforced low density or normal density ($2400 \pm 50 \text{ kg/m}^3$) structural concrete. Wall may also be constructed of nominal 200 mm thick concrete block.
2. **Joint System**- Maximum width (at time of installation of joint system) is 89 mm. The joint system is designed to accommodate a max 14.3 percent compression or extension from its installed width. The joint system shall consist of the following:

(a) Firestop System Components - (Guide No. 40 U19.13). "A/D FIREBARRIER Mineral Wool" minimum 64 kg/m^3 density mineral wool batt insulation installed in joint opening as a permanent form. Pieces of batt cut to min width of 114 mm. and installed edge-first into joint opening, parallel with joint direction, such that batt sections are compressed min 30 percent in thickness and that the compressed batt sections are flush with top surface of floor and both surfaces of wall. Adjoining lengths of batt to be tightly butted with butted seams spaced min 610 mm. apart along the length of the joint

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(b) Firestop System Components - (Guide No. 40 U19.13). Minimum 3.2 mm wet thickness of "A/D FIREBARRIER Seal N/S sprayed or brush on the top surface of floor or both surfaces of wall to completely cover mineral wool and lapping a min 1/2 in. onto concrete.

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