

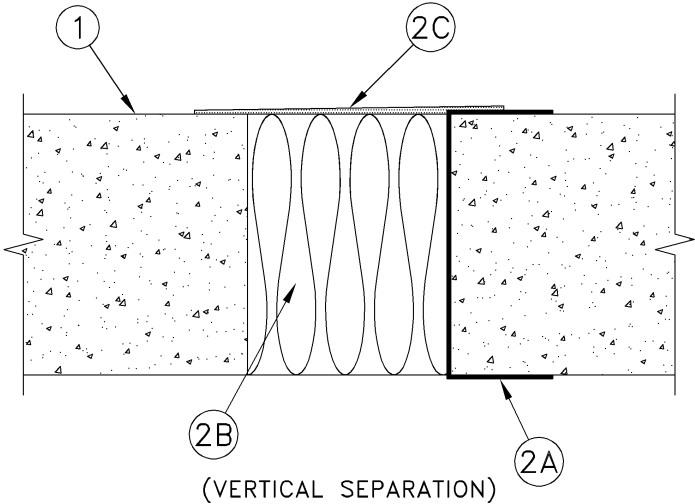
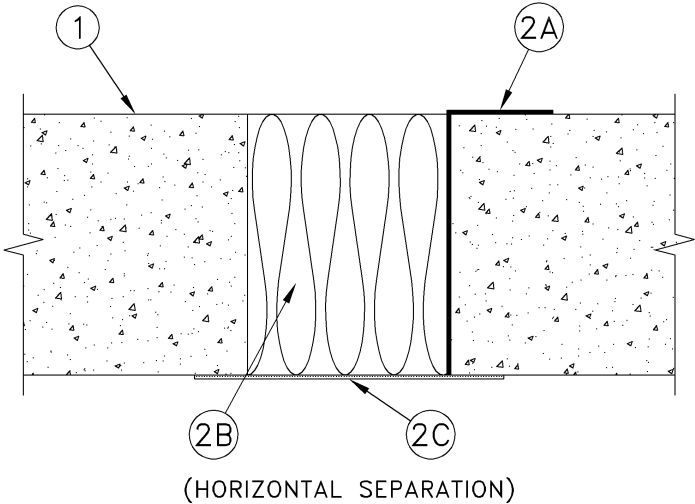
**ULC System No. JF120**

**(For Horizontal or Vertical Separations)**

**F and FH Ratings — 2 h**

**FT and FTH Ratings – 1 h**

**Nominal Joint Width — 50 mm**



**1. Floor or Wall Assembly** — Minimum 64 mm thick reinforced low-density or normal-density (1600 to 2400 kg/m<sup>3</sup>) structural concrete. Wall may also be constructed of nominal 200 mm thick concrete block.

JF120 continued...

**2. Joint System** — Maximum width (at time of installation of joint system) is 50 mm. The joint system may be floor to floor, wall to wall or floor to wall system. The joint system shall consist of the following:

**(a) Membrane** – (Optional) -UL or ULC Classified self-adhesive membrane designated Blueskin SA or SA-LT, cut to minimum 90 mm width and applied to inside surface of joint, flush with bottom of joint and extending a minimum of 25 mm on wall surface above joint or overlapping a minimum of 25 mm onto top surface of floor. For wall to wall joints, membrane cut to minimum 115 mm width and applied to either inside surface of joint, overlapping a minimum of 25 mm onto each surface of wall. Each adjoining length of membrane shall overlap previous length by 50 mm. Prior to application of membrane, Blueskin Primer applied to concrete surface at a minimum application rate of 0.2 kg/m<sup>2</sup>.

- **(b) Firestop System Components** — XHJZC (Guide No. 40 U19.13). Minimum 64 mm thickness of minimum 64 kg/m<sup>3</sup> "A/D FIREBARRIER Mineral Wool" batt insulation installed in joint opening as a permanent form. Pieces of batt cut into strips and installed edge-first into joint opening, parallel with joint direction, such that batt sections are compressed minimum 30% in thickness and that the compressed batt sections are flush with both surfaces of floor or wall. Adjoining lengths of batt to be tightly-butted with butted seams spaced minimum 610 mm apart along the length of the joint.

#### **A/D FIRE PROTECTION SYSTEMS INC**

- **(c) Firestop System Components** — XHJZC (Guide No. 40 U19.13). Minimum 3.2 mm wet thickness of "A/D FIREBARRIER Seal N/S" sprayed or brushed to the top or bottom surface of floor or either surface of wall to completely cover mineral wool and overlapping a minimum 13 mm onto concrete surface on either side of joint.

#### **A/D FIRE PROTECTION SYSTEMS INC**