



## XHEZC.JF9 Firestop Systems

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### Firestop Systems

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#### System No. JF9

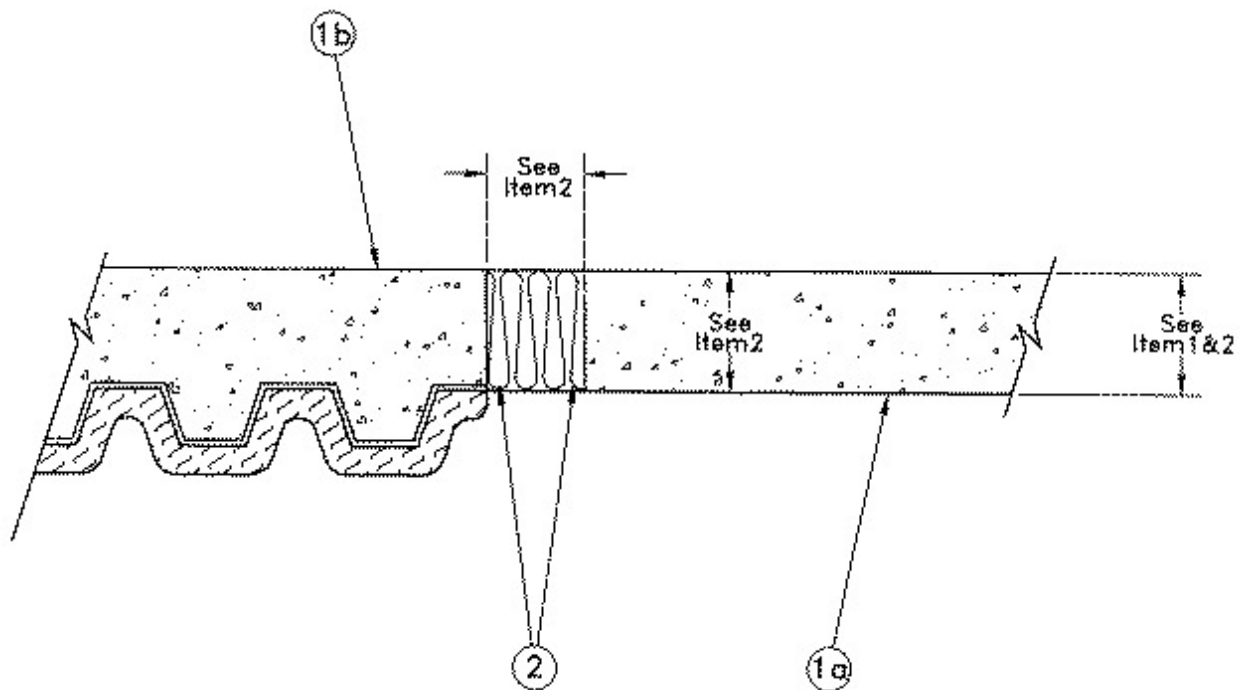
October 27, 2006

(For Horizontal or Vertical Separations)

F and FT Ratings — 1, 1-1/2, 2, 3 & 4 h (See Item 2)

FH and FTH Ratings — 0 & 3 h (See Item 3)

Joint Not Evaluated For Movement Capability



1(a). **Floor or Wall** — Normal-density ( $2400 \pm 50 \text{ kg/m}^3$ ) concrete. Wall can also be constructed of nominal 200 mm thick concrete blocks. Maximum width of opening, 75 mm. For minimum depth of slab, see table (Item 2).

OR

1(b). **Floor System** — Normal-density concrete cover on steel floor units with directly applied fire protection (if required). Maximum width of opening 75 mm. For minimum depth of concrete cover, see table, Item 2.

■ **2. Firestop System Components** — (XHJZC). "A/D FIREBARRIER Mineral Wool" insulation installed in one or two width layers to the minimum depth indicated in table for the required rating. Uncompressed width of insulation to be 33% wider than width of opening to be filled (i.e., 100 mm wide for 75 mm wide opening). End joints to be firmly butted.

F or FT Rating, h	Required Min Depth of Insulation, mm	Required Min Depth of Concrete Slab or Cover, mm
1	88*	65

1-1/2	92*	65
2	94*	65
3	130	130
4	170	170

Note: \*Insulation may extend a maximum of 30 mm below concrete slab or crest of steel floor units.

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#### ■ 3. Firestop System Components — (optional) (not shown) - (XHJZC).

For horizontal separations, "A/D FIREBARRIER Silicone Sealant", or "A/D FIREBARRIER Silicone Sealant SL" may be applied over insulation (Item 2) to a minimum thickness of 6.4 mm, or "A/D FIREBARRIER Seal" or "A/D FIREBARRIER Seal NS" may be applied over insulation (Item 2) to a minimum wet thickness of 5 mm.

For vertical separations, "A/D FIREBARRIER Silicone Sealant" may be applied over insulation (Item 2) on both sides of assembly to a minimum thickness of 6.4 mm, or "A/D FIREBARRIER Seal NS" may be applied over insulation (Item 2) on both sides of the assembly to a minimum wet thickness of 5 mm.

When "A/D FIREBARRIER Silicone Sealant" or "A/D FIREBARRIER Silicone Sealant SL" is used, FH and FTH rating is 3 h.

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