



SECTION A-A

1. Floor-ceiling assembly

1A. Min. 4-1/2 in. NW or LW concrete floor capable of a 3 hr. rating.

1B. Optional s/10 (or heavier) steel sleeve (not shown) with a max. 14 in. diameter.

2. Blank opening

2A. Max. opening is 15 in. diameter. Opening must not contain any penetrants.

3. Firestopping – FlameSafe® FS 900+ Series Sealant.

3A. Optional steel wire bent in to a "U" shape to add support for mineral wool (not shown).

3B. Compress mineral wool (4 pcf) into opening a min. 2 in. thick and recessed 1 in. from floor surface to accommodate sealant.

3C. At floor surface, apply FS 900+ 1 in. deep into opening and finish flush with floor surface.

**NOTES**

1. This system drawing is provided to aid in the installation and selection of the UL listed design. The user shall refer back to the UL listed design for complete information required for submittal and approval purposes.

2. System design evaluated to the UL 1479 (ASTM E814) Fire Tests of Through-Penetration Firestops.

3. Please refer to the UL Fire Resistance Directory for components requiring UL classification.

**Flamesafe® Firestopping Products**

Firestop Assembly	Project:
Product: FlameSafe FS 900+ Series Sealant	Installer:
F Rating: 3 HOUR	Approval:
UL System: CAJ0012	Date:
RS Dwg # CAJ0012-Fr1	Rev.# 001

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