



SECTION A-A

1. Floor-ceiling assembly

1A. Min. 6-1/2 in. thick NW concrete floor capable of providing a 2 hr. to 4 hr. rating.

2. Blank opening

2A. Max. opening is 1280 sq. in. with a max. dimension of 40 in. Opening must not contain any penetrants.

3. Firestopping – FlameSafe® FSB 150/75/50 Bags or KBS® SB 720/400/250 Sealbags.

3A. Bags to be installed vertically into opening length-wise (13 in. deep) such that the bags protrude an equal amount from both sides of the floor. Bags must be staggered and installed tightly into opening with no visible air space. Use KBS Sealbags for a 4 hr. F rating or use FlameSafe Bags for a 2 hr. F rating.

3B. Steel security wire, min. 10 gauge, must be installed over bags on both sides of the opening, overlapping the floor surface by a min. 3 in. Wire must be secured with steel fasteners at a max. 9 in. on center around perimeter.

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 Bags or KBS Sealbags	Installer:
F Rating: 2 or 4 HOUR	Approval:
UL System: CBJ0009	Date:
RS Dwg # CBJ0009-F	Rev.# 000

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