

➤ INSTALLATION INSTRUCTIONS

GENERAL: Areas to be protected must be clean and free of oil, loose dirt or rust.

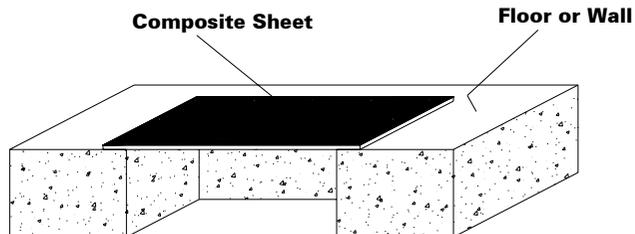
APPLICATION SYSTEM SELECTION: Selection of an appropriate firestop application system design is critical to the fire protection process. Please consult the Nelson Firestop directory and application guide as well as the UL® Fire Resistance Directory for additional information.

COMPOSITE SHEET: Nelson (CPS™) composite sheet is applied to the top side or bottom side of floor or to both sides of the wall with the foil side facing the opening.

TOPSIDE – Overlap the opening by a min. 2” on all sides. Mount with 3/8” diameter x min. 1-7/8” steel masonry anchors spaced a max. of 5” on center.

BOTTOMSIDE - Overlap the opening by a min. 3-1/2” on all sides. Mount with 1/4” diameter x min. 1-1/4” steel masonry anchors in conjunction with 1/4” x 1-1/4” diameter steel fender washers spaced a max. of 5” on center.

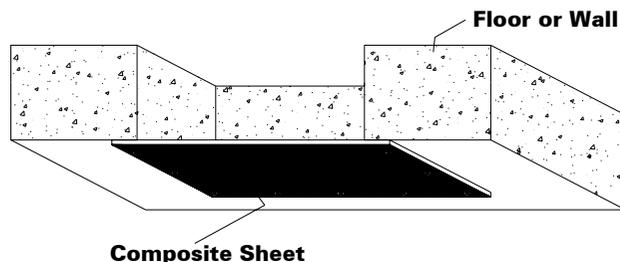
UL System No. C-AJ-0049
F Rating 2 Hr. T Rating 3/4 Hr.



- FLOOR or WALL ASSEMBLY - Min. 4-1/2" thick concrete floor or wall, or CMU wall. The max. area of the opening is 126 sq. in. with a max. dimension of 18".
- NELSON CPS COMPOSITE SHEET - Apply to the top side of the floor or to both sides of the wall or HOLLOW-CORE floor, with the foil side facing the opening. Overlap the opening by a min. 2" on all sides. Mount with 3/8" diameter x min. 1-7/8" steel masonry anchors spaced a max. of 5" on center.
- SEALANT (optional, not shown) - Apply CLK sealant around the perimeter of the composite sheet for added smoke seal protection.

DWG NO. FS-0169 R4

UL System No. C-AJ-0050
F Rating 2 Hr. T Rating 0 Hr.



- FLOOR or WALL ASSEMBLY - Min. 4-1/2" thick lightweight or normal weight concrete floor or wall, or CMU block wall. The max. area of the opening is 127 sq. inches with a max. dimension of 18".
- NELSON CPS COMPOSITE SHEET - Apply to the under side of the floor or to both sides of the wall with the foil side facing the opening. Overlap the opening by a min. of 3-1/2" on all sides. Mount to the floor or wall with 1/4" x min. 1-1/4" long steel masonry anchors in conjunction with 1/4" x 1-1/4" diameter steel fender washers spaced a max. of 5" OC.
- SEALANT (optional, not shown) - Apply Nelson CLK sealant around the perimeter of the composite sheet for added smoke seal protection.

DWG NO. FS-0176 R3