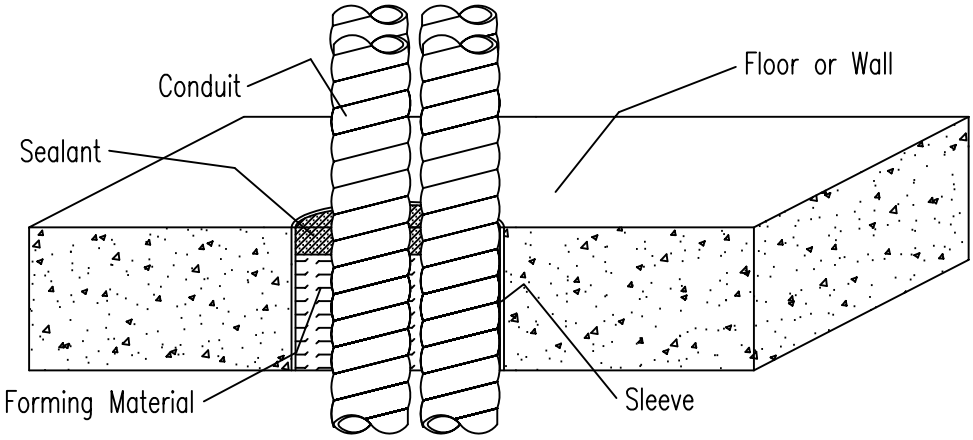
CONCRETE FLOOR OR WALL
FLEXIBLE METALLIC CONDUITS

F Rating 2 or 3 Hr. T Rating 0 Hr.



- FLOOR or WALL ASSEMBLY – Min. 4–1/2" thick lightweight or normal weight concrete floor or min. 5" thick wall, or CMU block wall. Floor may also be constructed of any min. 6" thick HOLLOW–CORE Precast Concrete Units. Max. diameter of opening is 4" if flexible ALUMINUM conduit is used and max. diameter opening is 6" if flexible STEEL conduit is used.
- METALLIC SLEEVE (optional) – Nom 6" diameter or smaller Sch. 10 or heavier steel sleeve cast or grouted into floor or wall assembly, flush with floor or wall surfaces. If flexible STEEL conduit is used, the max. diameter of the steel sleeve is 6". If flexible ALUMINUM conduit is used, the max. diameter of the steel sleeve is 4".
- FLEXIBLE METALLIC CONDUITS – One or more 1–1/2" diameter, or smaller flexible STEEL metallic conduits or 1" diameter or smaller flexible ALUMINUM conduit bundled together and installed within the opening. Max. diameter of through penetrant bundle shall not exceed 4" and 2–1/2" for flexible STEEL conduit and flexible ALUMINUM conduit, respectively. Annular space between penetrants is 0" (point of contact) to 1/4". The annulgr space between the through penetrants and periphery of opening shall be min. 0" (point of contact) to 2" for flexible STEEL conduit and 0" (point of contact) to 1–1/2" for flexible ALUMINUM conduit. If flexible ALUMINUM conduit is used, the F rating of the firestop system is 2 Hr. and if flexible STEEL conduit is used, the F rating is 3 Hr.
- FORMING MATERIAL – Tightly pack min. 4pcf mineral wool batt insulation to fill the annular space to a 4" depth, and recess 1/2" from the top surface of the floor or from both surfaces of wall or HOLLOW–CORE floor.
- NELSON ES1399 SEALANT – Apply sealant over the forming material to fill the annular space to a min. 1/2" depth, flush with top surface of the floor or with both surfaces of wall. At point of contact, a min. 3/8" diameter bead of sealant shall be applied at the concrete/penetrating item interface on top surface of floor or on both surfaces of wall or HOLLOW–CORE precast concrete units. Additional sealant shall be forced into interstices of through penetrants to max. extent possible.

Tested in accordance with:
ASTM E–814
ANSI/UL 1479

CLASSIFIED C UL US

System No.
C-AJ-1512

Nelson Firestop

DWG NO. FS-0517 R0

DATE: 01/05/04

BY: RL

Project Name: _____
Address: _____
_____
Installer: _____
Address: _____
_____
Signature: _____

Nelson Firestop
800 331-7325 Fax: 918 627-2941
Tulsa, Ok.