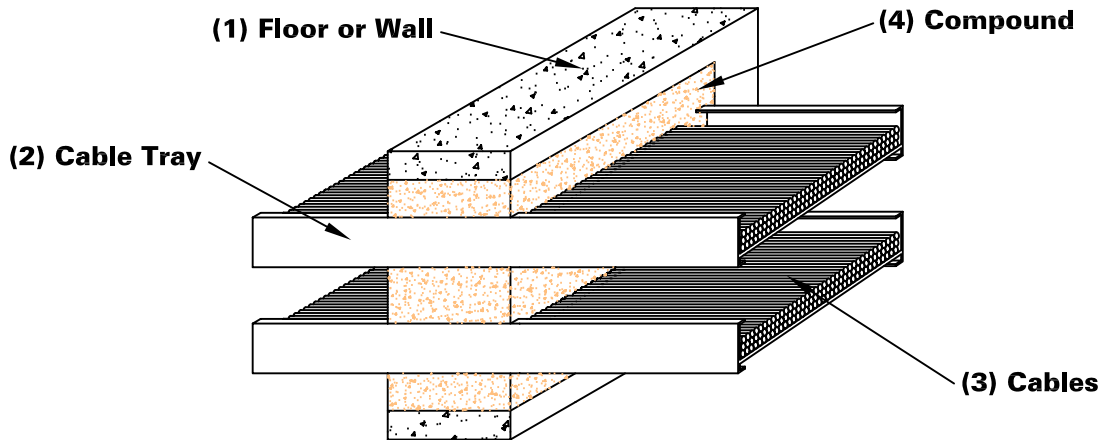


CONCRETE FLOOR OR WALL CABLE TRAYS

F Rating 3 Hr. T Rating 1/2, 1, 1-1/2, 2 & 3 Hr.



1. FLOOR or WALL ASSEMBLY - Min. 8" (200mm) concrete floor or wall or CMU block wall. The max. size of the opening is 45" x 39" (1155mm x 990mm).
2. CABLE TRAY - Max. (2) max. 24" x 3" (610mm x 75mm) steel ladder type or solid bottom tray with a min. separation of 20" (500mm) between cable trays and with a min. separation of 11" (280mm) between the cable trays and the perimeter of the opening. Cable trays rigidly supported on both sides of opening a max. of 18" (460mm) from floor or wall.
3. CABLES - Max. 38% cross-sectional fill area per tray in any combination of:
 - (A) max. (1) 500 MCM single conductor power control cable, with XLPE jacketing. When used, T rating is 1/2 Hr.
 - (B) max. (1) #2/0awg multiconductor power cables with fire retardant XLPE insulation and PVC jacketing. When used, T rating is 1 Hr.
 - (C) max. (1) #2/0awg welding cable with hypalon jacketing. When used, T rating is 1-1/2 Hr.
 - (D) max. (1) #4/0awg single conductor cable with XLPE jacketing. When used, T rating is 1-1/2 Hr.
 - (E) max. (1) #4awg multiconductor power cable with PVC insulation and jacketing. When used, T rating is 2 Hr.
 - (F) max. (1) #8awg multiconductor power cable with XLPE insulation and PVC jacketing. When used, T rating is 2 Hr.
 - (G) max. (1) #1/0awg Teck cable with XLPE insulation and jacketing. When used, T rating is 2 Hr.
 - (H) max. (5) #8awg multiconductor teck cable with interlocked aluminum armour. When used, T rating is 2 Hr.
 - (I) max. #2awg multiconductor power and control cables with fire retardant PVC insulation and jacketing or fire retardant XLPE insulation and PVC jacketing. When used, T rating is 3 Hr.
4. NELSON CMP COMPOUND (part # AA476) - Apply CMP to fill the void within the floor or wall between the cables and cable tray and the periphery of the opening. Min. thickness is 8" (200mm).

Tested in accordance with:

ASTM E-814
ANSI/UL 1479



**System No.
C-BJ-4034**

Nelson Firestop

DWG NO. FS-0064 R5

DATE: 10/23/06

BY: RL

Project Name: _____

Address: _____

Installer: _____

Address: _____

Signature: _____

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