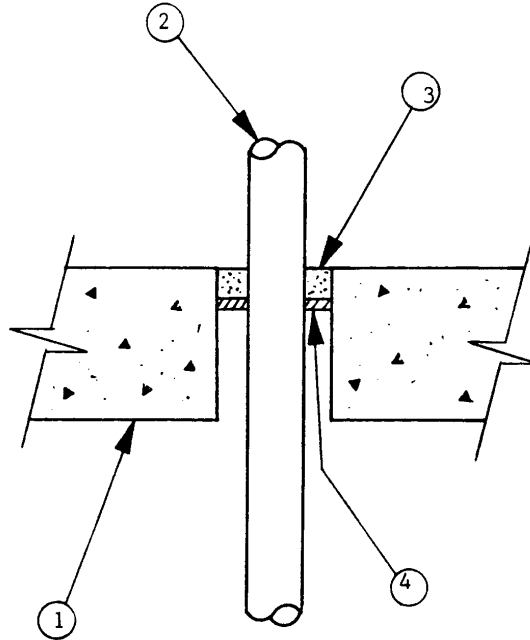


SYSTEM No. SP161
(For Horizontal or Vertical Separations)

F and FH Ratings – 3 h
FT and FTH Ratings – 1 & 2 h (See Item 2)



1. Floor or Wall – Minimum depth or thickness as necessary for required grade of fire separation but not less than 150 mm. Normal density (2400±50 kg/m³) concrete. Maximum size of opening 100 mm diameter.

2. Pipe – Nominal 50 mm diameter (or smaller) EMT steel pipe, or cast or ductile iron pipe, minimum 1.9 mm wall thickness (or heavier), reliably supported above the through-opening. Minimum clearance of 13 mm required between pipe and perimeter of through-opening. If no pipe penetrates assembly, FT and FTH ratings are 2 h.

Type of Penetrating Item	FT and FTH Rating, h
No penetrating item	2
Item 2	1

3. Firestop System Components – (Guide No. 40 U19.13).

(a) Type "A/D FIREBARRIER Silicone Sealant" applied to minimum depth of 25 mm over Forming Material (Item 4). Sealant to be applied to both sides of system for vertical separations.

OR

(b) For horizontal separations only, Type "A/D FIREBARRIER Silicone Sealant SL" applied to a minimum depth of 25 mm over forming material flush with the top surface of the slab.

A/D FIRE PROTECTION SYSTEMS INC.

4. Forming Material (optional) – Polystyrene board fitted tightly against pipe and perimeter of opening. If left in place (horizontal separations only), will not affect assigned ratings.