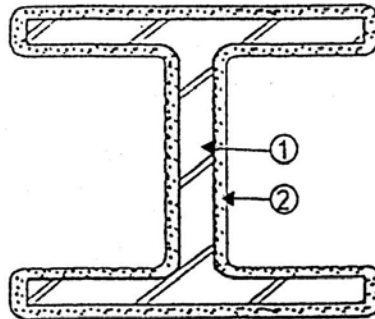


**ITS Design No. AD/CA 120-04**  
**Column Assembly**  
**Column Rating - 2 Hours**



- (1) Steel Column - W-shaped as indicated below  
 Minimum Size -  $W/D \geq 1.26$  ( $M/D \geq 74$ )  
 where = W (M) = weight of column section lb/ft. (kg/m)  
           D (D) = heated perimeter of column section in inches (mm)  
 $W/D$  (lbs/ft/in.) =  $M/D$  (kg/m/m) x 0.017
- (2) Thin Film Intumescent Coating

Intumescent coating designated A/D FIREFILM II or A/D FIREFILM III applied in accordance with manufacturer's instructions to the minimum dry film thickness shown below.

COLUMN DESIGNATION	RATING hours	(W/D)	Protection of Dry Film Thickness
			A/D FIREFILM II or A/D FIREFILM III
W10 x 77	2	1.26	138 mils (3.5 mm)

- (3) Glass Cloth Mesh Reinforcement (not shown) - self adhesive, alkali resistant glass mesh cloth 152 g/m<sup>2</sup>, applied over the first coat of "A/D FIREFILM II or A/D FIREFILM III" around column flanges.
- (4) Finish Coating (not shown) - Silicone Alkyd paint designated A/D COLORCOAT.

**TEST STANDARD:**                   ASTM E119

**MARKING INFORMATION**

Each container of coating shall bear the following information:

- (1) Manufacturer's name and address.
- (2) The term Listed Coating, Type A/D FIREFILM II or A/D FIREFILM III.
- (3) Referenced WH Design Number AD/CA 120-04.
- (4) Warnock Hersey (WH) logo.