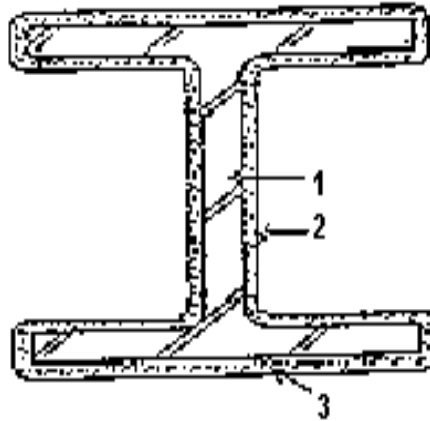


ITS Design No. AD/CA 180-01
Column Assembly
Column Rating - 3 Hours

January 31, 2006



- (1) Steel Column - W shaped
 Minimum Size - $W/D \geq 2.22$ ($M/D \geq 130$)

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 - A/D FIREFILM II or A/D FIREFILM III
 intumescent coating applied in accordance with the manufacturer's instructions to the minimum dry film thickness.

(3)

RATING (hours)	W/D (M/D)		Minimum Dry Film Thickness	
			mils	(mm)
3	2.22	(130)	130	3.30

- (4) Finish Coating - Silicone Alkyd paint designated A/D COLORCOAT.

TEST STANDARD: ASTM E119-88

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 180-01.
- (4) Warnock Hersey (WH) logo.