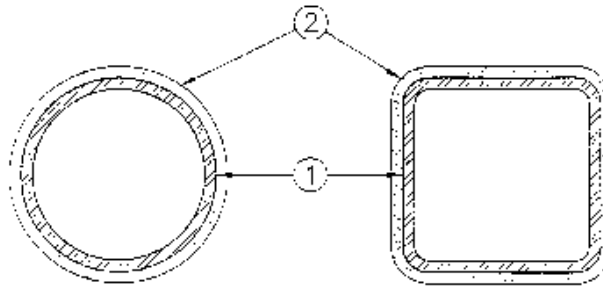


**ITS Design No. AD/CA 90-02**  
**Column Assembly**  
**Column Rating – see below**



- (1) Steel Column – Square, rectangular or circular HSS columns as indicated below.
- (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 as indicated in the Table below.
- (3) Finish Coating – Silicone Alkyd paint designated “A/D COLORCOAT”.

RATING (hours)	COLUMN DESIGNATION	W/D	MINIMUM DRY FILM THICKNESS	
			A/D FIREFILM II or A/D FIREFILM III	
			mils	mm
¾	4” t x 0.188”	0.61	102	2.60
¾	5” x 3” x 0.25”	0.76	130	3.30
¾	8” x 6” x 0.313”	0.97	65	1.65
¾	10” x 6” x 0.25”	0.80	45	1.15
¾	10.75” t x 0.25”	0.83	45	1.15
¾	10” x 10” x 0.5”	1.58	35	0.90
1	5” x 3” x 0.313”	0.93	130	3.30
1	8” x 6” x 0.334”	1.14	62	1.57
1	12” x 8” x 0.438”	1.38	35	0.90
1	10.75” t x 0.51”	1.62	35	0.90
1	12” x 12” x 0.50”	1.58	45	1.14
1	10.75” t x 0.313”	1.03	111	2.81
1½	10.75” t x 0.313”	1.03	130	3.30
1½	12” x 12” x 0.50”	1.58	95	2.42

**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 90-02.
- (4) Warnock Hersey (WH) &/or Intertek logo.