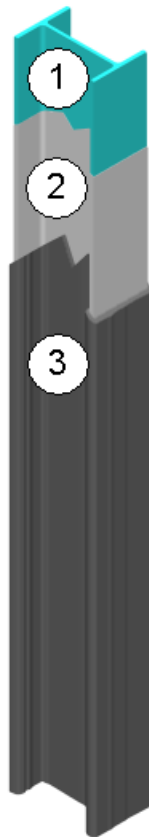


---

**AD/IMF 120-02**  
**(Formerly AD/CA 120-03)**  
**Column Assemblies**  
**A/D Fire Protection Systems, Inc.**  
A/D FIREFILM® II, A/D FIREFILM® IIIC, A/D FIREFILM® III and A/D FIREFILM® A3  
Intumescent Coatings  
**ASTM E 119 (2000)**  
**See Table For Ratings**

---



1. **SOLID STRUCTURAL STEEL COLUMN:** Use solid steel sections, I-shape or W-shape, having nominal W/D section factor based on four sided exposure. Refer to Table 1 for specific application thickness of intumescent mastic fireproofing (Item 3) based on minimum W/D section factors.
2. **PRIMER COATING:** Apply an approximate 2 mil dry film thickness of primer recommended by the certified intumescent mastic fireproofing manufacturer, which is compatible with the intumescent mastic fireproofing (Item3), to the solid structural steel column (Item 1).
3. **CERTIFIED MANUFACTURER:** A/D Fire Protection Systems, Inc.  
**CERTIFIED PRODUCT:** Intumescent Mastic Fireproofing

**07 80 00 Fire and Smoke Protection**  
**07 81 00 Applied Fireproofing**  
**07 81 23 Intumescent Mastic Fireproofing**

MODEL: A/D FIREFILM® II, A/D FIREFILM® IIIC, A/D FIREFILM® III and A/D FIREFILM® A3

Apply Intumescent Mastic Fireproofing per the manufacturer's installation instructions at the minimum dry film thickness specified in the Table 1 below:

**Table 1**

Rating (Hours)	Minimum W/D	Minimum Dry Film Thickness	
		A/D FIREFILM® II, A/D FIREFILM® IIIC, A/D FIREFILM® III and A/D FIREFILM® A3 Intumescent Coatings	
		Mils	mm
3/4	0.41	76	1.94
3/4	0.70	50	1.27
3/4	0.83	42	1.07
1	0.41	118	3.00
1	0.65	91	2.30
1	0.83	87	2.21
1	0.91	80	2.02
1	1.62	30	0.76
1	2.96	16	0.40
1-1/2	0.91	118	3.00
1-1/2	1.34	73	1.85
1-1/2	2.96	36	1.00
2	1.60	118	3.00
2	1.60	95	2.40
2	2.96	55	1.40

4. FINISH COATING (Not Shown) – Apply an optional Silicone Alkyd paint

designated A/D COLORCOAT per the manufacturer's published specifications.