
AD/IMF 180-01
(Formerly AD/CA 180-01)
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)
Rating: 3 Hours



1. **STEEL COLUMN:** Use solid steel sections, I-shape or W-shape, having nominal W/D section factor of 2.22 (M/D:130) based on four sided exposure.
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
MODEL: A/D FIREFILM® II, A/D FIREFILM® IIIC, A/D FIREFILM® III, and A/D FIREFILM® A3.
Apply a minimum 130 mil (nominal 3.3 mm) dry film thickness layer of Intumescent Mastic Fireproofing to steel column (Item 1).
4. **FINISH COATING –** Apply an optional Silicone Alkyd paint designated A/D

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COLORCOAT over the Intumescent Mastic Fireproofing (Item 3) per the manufacturer's specifications.