
A/D Fire Protection Systems, Inc.
Design No. AD/IMF 120-03
Column Assemblies
Firefilm II, Firefilm IIIC, Firefilm III, Firefilm A3
ASTM E119
Rating: 2 Hrs



- 1. STEEL COLUMN:** Use solid steel sections, I-shape or W-shape, having nominal W/D section factor of 1.26 (M/D: 74) based on four-sided exposure.
- 2. PRIMER COATING:** Apply an approximate 2 mil dry film thickness of primer recommended by the certified intumescent fireproofing manufacturer, which is compatible with the intumescent fireproofing (Item 3), to the solid structural steel column (Item 1).

- 3. CERTIFIED COMPONENT:** Intumescent Fireproofing

CERTIFIED MANUFACTURER: A/D Fire Protection Systems, Inc.

CERTIFIED PRODUCT NAME: Firefilm II, Firefilm III, Firefilm IIIC, and Firefilm A3

Apply min. 138 mil (nominal 3.5-mm) dry film thickness layer to steel column (Item 1)



4. GLASS CLOTH REINFORCEMENT: Apply self-adhesive alkali-resistant glass mesh cloth 152 g/m² over first coat of intumescent fireproofing (Item 3).

5. FINISH COATING (Optional, Not Shown): Apply a Silicone Alkyd paint designated A/D COLORCOAT per the manufacturer's published specifications.

Consult the listing report on the Directory of Building Products (<https://bpdirectory.intertek.com>) for the edition of the standard(s) evaluated.

Compliance of the assembly described in this Design Listing with the referenced standard relies on verification that the assembly constructed in the field is consistent with that described herein. Intertek certified products may be verified by the approved Intertek label; other products must be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.