BXUV.Y604
Fire Resistance Ratings - ANSI/UL 263

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Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

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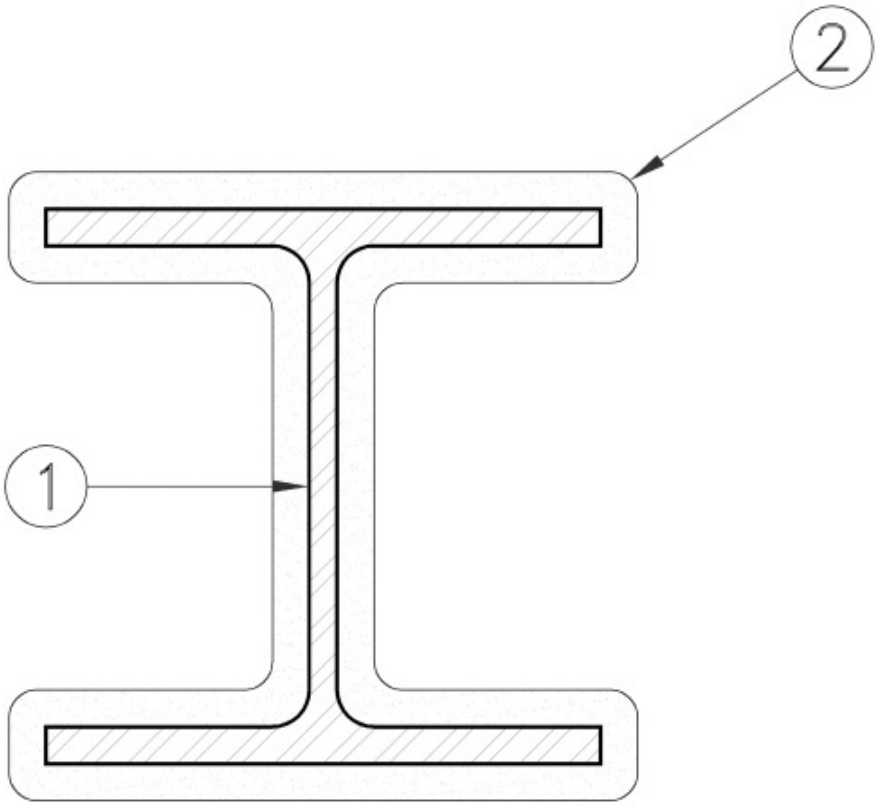
See General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. Y604

September 30, 2008

Ratings - 3/4, 1 and 2 Hr (See Item 2)



1. **Steel Column —** W-shaped columns with M/D as specified in Item 2. Columns should be free of dirt, loose scale and oily deposits. Columns should be primed with an alkyd-based primer and as per the coating manufacturer's specification and instructions.

2. **Mastic and Intumescent Coatings* —** Soating applied in accordance with manufacturer's instructions to the minimum dry film thicknesses shown below:

Ratings, h	Column Size	W/D	Required Min Dry Film Thickness, in.
3/4	W14 x 233	2.52	0.018
1	W14 x 233	2.52	0.021
2	W14 x 233	2.52	0.047

W = Weight of column section in lb/ft.

D = Heated perimeter of column section, in.

3M CANADA COMPANY — Type "3M FireDam Intumescent Coating WB1000". Investigated for Interior General Purpose and Interior Conditioned Space Purpose

3. **Finish Coating —** (Not shown) — Optional — For Interior General Purpose and Interior Conditioned Space Purpose, Type "Sherwin Williams Steel-Master 9500" or "ICI Devflex HP 4216". Top Coat applied over intumescent coating (Item 2) to max 0.003 in. dry film thickness.

*Bearing the UL Classification Mark

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