

Design No. X857 BXUV.X857 Fire-resistance Ratings - ANSI/UL 263

[Page Bottom](#)

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 Certified 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 Certified.

BXUV - Fire-resistance Ratings - ANSI/UL 263

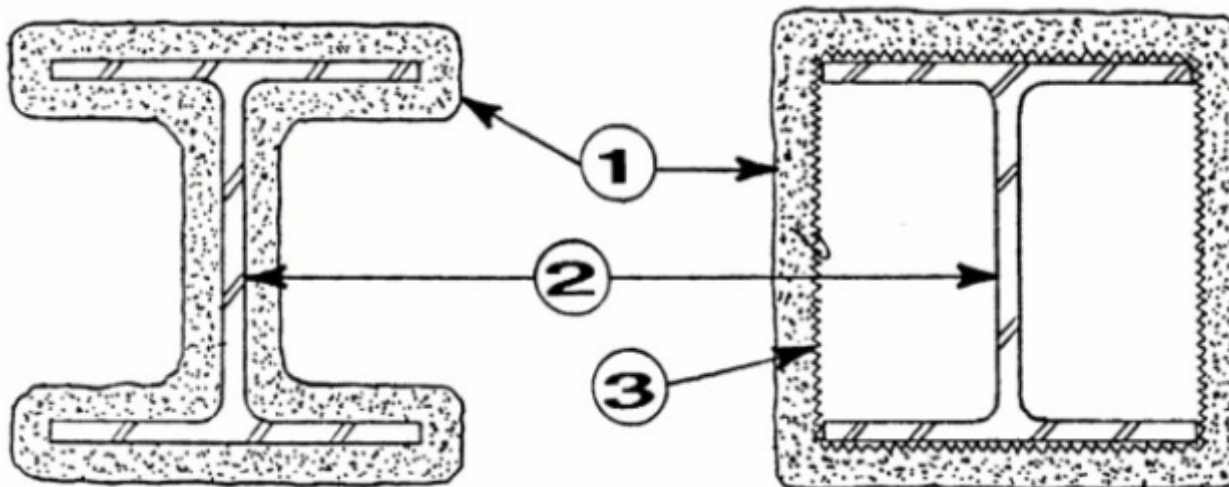
[See General Information for Fire-resistance Ratings - ANSI/UL 263](#)

Design No. X857

May 30, 2017

Ratings - 1, 1-1/2, 2, 2-1/2, 3, 3-1/2 and 4 Hr

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. **Spray-Applied Fire Resistive Materials*** — Applied by mixing with water and spraying in more than one coat to the thickness as below, to steel surfaces which are clean and free of dirt, loose scale, and oil. Min average density of 29.32 pcf, with min individual value of 26.94 pdf. For method of density determination, see Design Information Section, Sprayed Material.

The minimum thickness of spray-applied resistive material required for various fire resistance ratings of contour sprayed or boxed wide flange columns are shown in the table below.

Column Size	W/D	Min Thk, mm						
		1 Hr	1 -1/2 Hr	2 Hr	2-1/2 Hr	3 Hr	3-1/2 Hr	4 Hr
W10x49	0.840	15	22	29	36	43	50	56

Column Size	W/D	Min Thk, In.						
		1 Hr	1 -1/2 Hr	2 Hr	2-1/2 Hr	3 Hr	3-1/2 Hr	4 Hr
W10x49	0.840	5/8	7/8	1-3/16	1-7/16	1-3/4	2	2-1/4

BOVIA INC — BOVIA 279II

2. **Steel Column** — W10x49, Wide flange steel column.

3. **Metal Lath** — (Optional) — 3.4 lb per sq yd expanded galv steel lath. Lath lapped 1 in. and tied together with min No. 18 SWG galv steel wire spaced vertically 6 in. OC.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2017-05-30

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2017 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2017 UL LLC".