

# BXUV.X625

## 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.

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## BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

## BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States  
Design Criteria and Allowable Variances

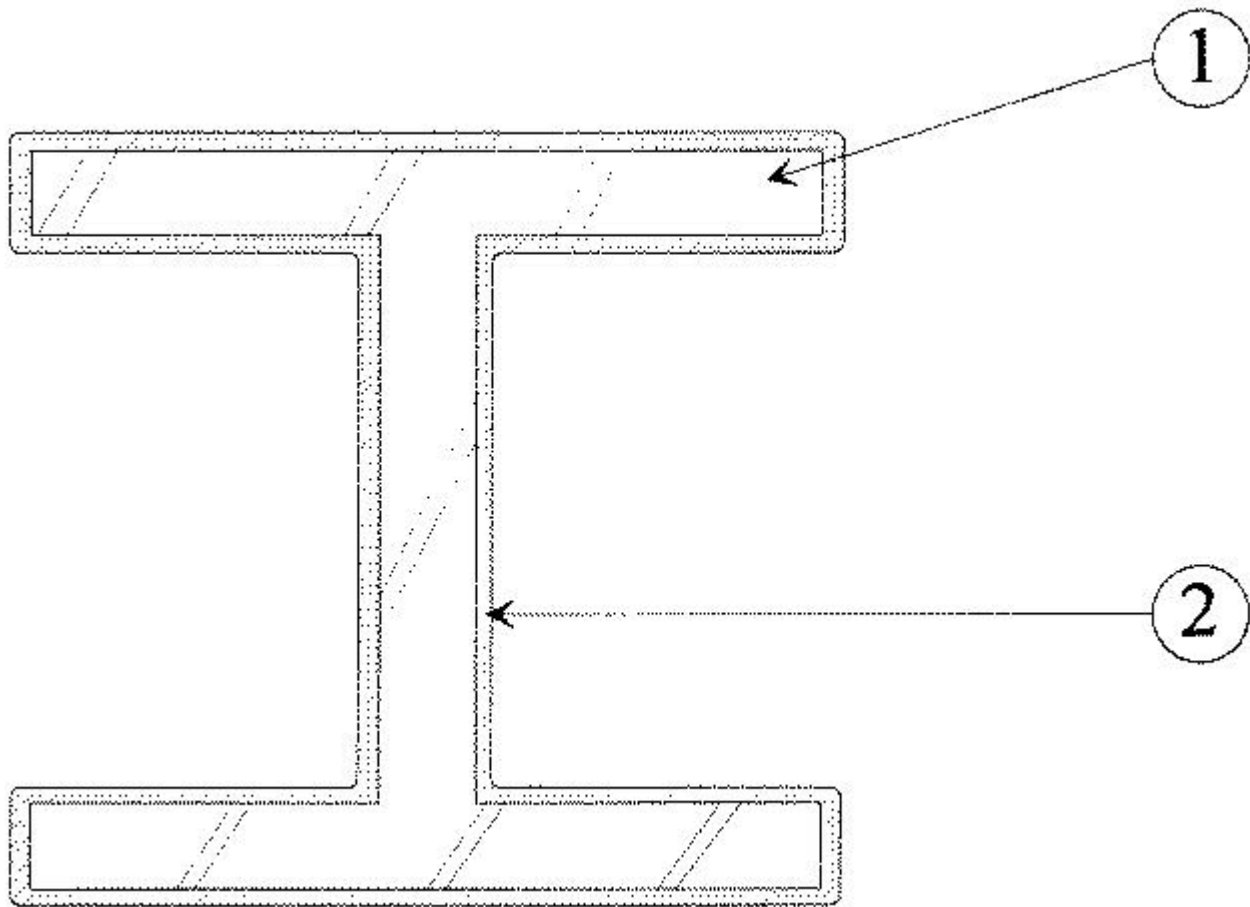
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada  
Design Criteria and Allowable Variances

### **Design No. X625**

August 15, 2000

### **Ratings — 1, 1-1/2, 2, 2-1/2, 3 and 3-1/2**

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



1. **Steel Column** — Min size shown in table below. The column surfaces shall be free of dirt, loose scale and oil. Steel surfaces to be primed with a red oxide primer as required per manufacturer's application instructions.

2. **Mastic and Intumescent Coating\*** — Coating spray applied directly from containers to desired thickness. See table below for appropriate final dry thickness. After each coat, the surface shall be lightly rolled with a paint roller.

Size	Rating (hr)	Min. Thickness(in.)
W8x24	2	0.313
W10x49	1	0.055
W10x49	1-1/2	0.132
W10x49	2	0.310
W10x49	2-1/2	0.430
W10x49	3	0.550
W10x49	3-1/2	0.670
W12x120	1-1/2	0.108

**ALBI MFG, DIV OF STANCHEM INC** — Types AC900, AC900 NEW, ACTF, CITEX TF , Investigated for Interior General Purpose only.

3. **Flange Edge Reinforcement** — (Not Shown) — Glass fiber mesh, 3/16 by 3/16 in. square pattern, weighing 147 g/m sq. Glass fiber mesh must be applied for the 3 and 3-1/2 h ratings.

3A. **As an alternate to Item 3**, — Glass Fiber Gauze-Nom 10 in. wide, 6.8 grams/ft embedded in mastic and intumescent coating around flange tips and applied to the entire length of the column.

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Last Updated on 2000-08-15

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