

BXUV.X638

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 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

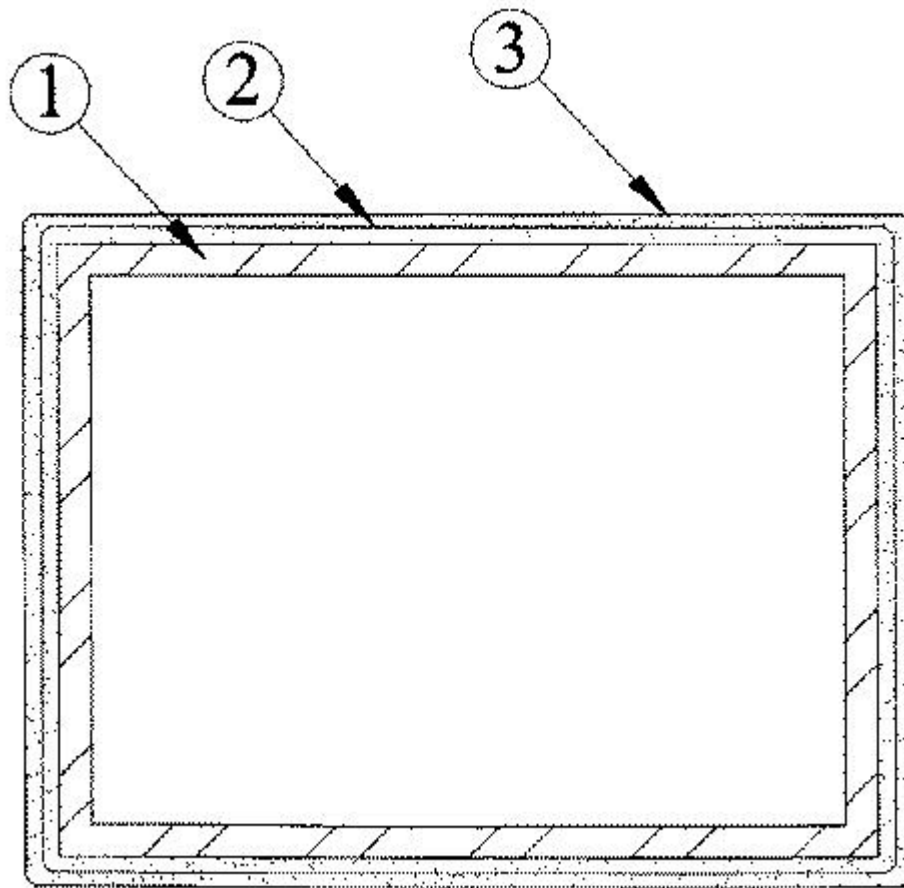
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. X638

July 05, 2018

Rating - 1 and 2 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. **Steel Column** — Steel tube columns with the minimum sizes shown in the tables below. Columns shall be free of dirt, loose scale and oil and primed with a red oxide primer with a minimum thickness of 0.002 inches.

2. **Reinforcing Mesh** — Required for the 2 hour ratings. Glass fiber mesh, 3/16 by 3/16 in. square pattern weighing 147 g per sq m., to be applied at mid-depth of the coating.

3. **Mastic and Intumescent Coating** — Coating spray applied directly from containers to desired thickness. See table below for appropriate final dry thickness. Thicknesses include the 0.002 inches of primer. After each coat, the surface shall be lightly rolled with a paint roller.

Hourly Rating - 1 HR

Size	A/P	Thickness Required
8x8x3/8	0.36	0.119
10x10x5/8	0.6	0.065
16x16x1/2	0.48	0.065
16x16x5/8	0.6	0.065

Hourly Rating - 2 HR

Size	A/P	Thickness Required
4x4x3/8	0.34	0.431
8x8x1/2	0.47	0.334
10x10x5/8	0.6	0.265

16x16x1/2	0.48	0.334
16x16x5/8	0.6	0.265

ALBI MFG, DIV OF STANCHEM INC — Types ACTF, CITEX TF.

Investigated for Interior General Purpose only.

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Last Updated on 2018-07-05

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