



## BXUV.X515



## 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

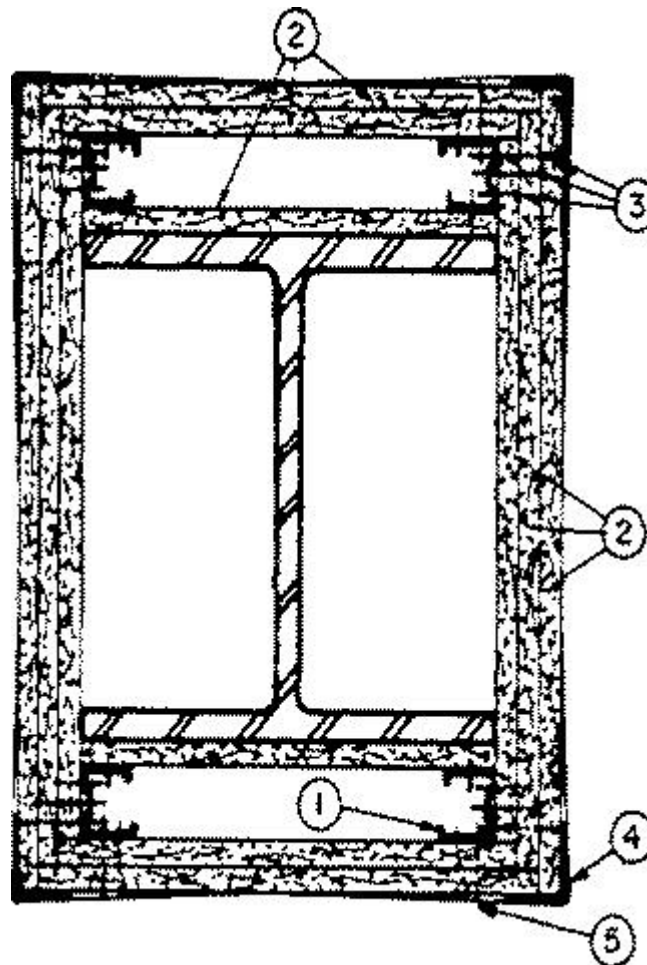
[See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States  
Design Criteria and Allowable Variances](#)

[See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada  
Design Criteria and Allowable Variances](#)

## Design No. X515

**Rating – 3 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 Studs** — 1-5/8 in. wide with leg dimensions of 1-5/16 and 1-7/16 in. with a 1/4 in. folded flange in legs, fabricated from 25 MSG galv steel. Steel stud cut 1/2 to 3/4 in. less in length than assembly height.

2. **Gypsum Board\*** — 1/2 in. thick, three layers. Attached to studs with steel screws.

**AMERICAN GYPSUM CO** — Type X, Type AG-C

**CABOT MANUFACTURING ULC** — Type C.

**CERTAINTED GYPSUM INC** — Type C

**CGC INC** — Types C, IP-X2, IPC-AR.

**CERTAINTED GYPSUM INC** — Type LGFC-C/A.

**GEORGIA-PACIFIC GYPSUM L L C** — Types 5, DAPC, TG-C.

**NATIONAL GYPSUM CO** — Types -eXP-C, FSK-C, FSW-C, FSMR-C.

**PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM** — Type PG-C.

**PANEL REY S A** — Type PRC.

**THAI GYPSUM PRODUCTS PCL** — Type C.

**UNITED STATES GYPSUM CO** — Types C, IP-X2, IPC-AR.

**USG BORAL DRYWALL SFZ LLC** — Type C

**USG MEXICO S A DE C V** — Types C, IP-X2, IPC-AR.

2A. **Gypsum Board\*** — (As an alternate to Item 2, For use with Item 4A) — 1/2 in. thick, three layers, installed as described in Item 2.

**CERTAINTED GYPSUM INC** — Type C

3. **Screws** — Self-drilling, Phillips bugle head steel screws, 1 in. long screws used to attach inner layer and middle layer over flanges to studs, 1-5/8 in. long screws to attach middle layer over web and outer layer over flanges, and 2-1/4 in. long screws to attach outer layer over web. All screws spaced vertically 12 in. OC at each layer.

4. **Corner Bead** — 28 MSG galv steel, 1-1/4 in. legs, attached to wallboard or lath with 4d by 1-1/2 in. cement coated box nails spaced vertically 12 in. OC.

4A. **Corner Bead\*** — (As an alternate to Item 4, For use with Item 2A) — 0.058 in. thick at shoulder thickness, 1-7/8 in. legs, attached to gypsum board using all-purpose ready mix joint compound.

**CERTAINTED CORP** — Type NC

5. **Finishing System** — Joint compound, 1/16 in. thick, applied over corner beads and outer layer of wallboard. As an alternate, nom. 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

6. **Steel Column** — Min. size of column, W10 x 49, with outside dimension of 10 x 10 in. with a flange thickness of 9/16 in., a web thickness of 5/16 in., and a cross-sectional area of 14.4 sq in.

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