

BXUV.X514



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](#)

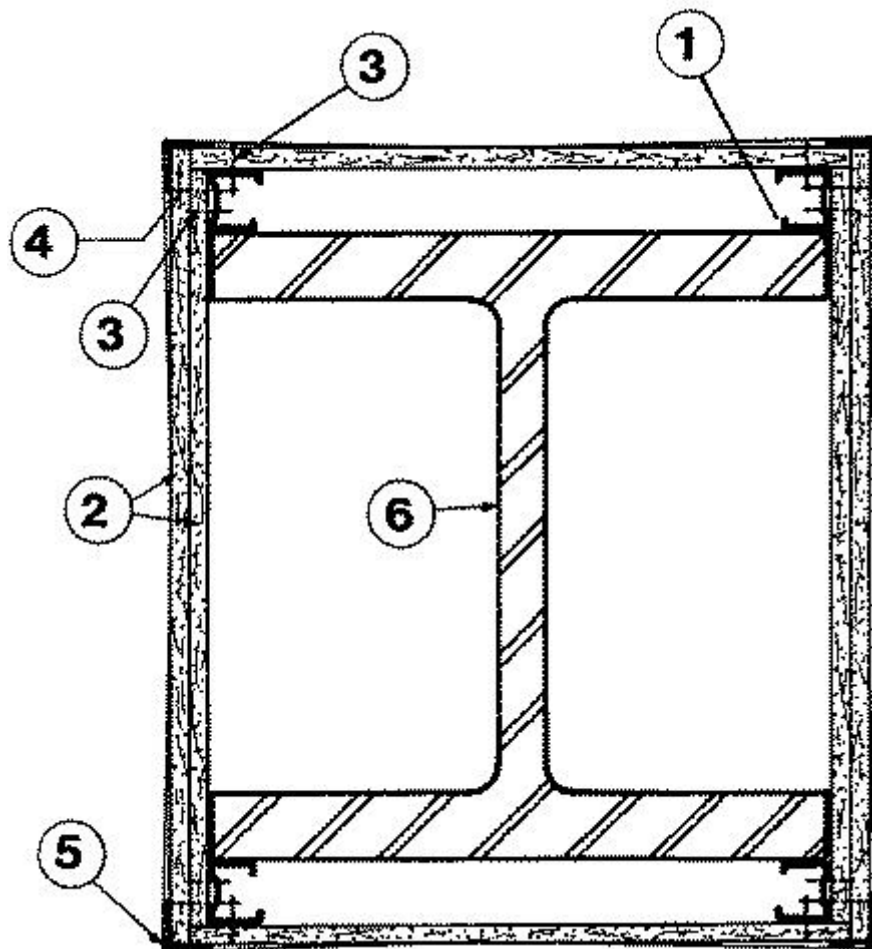
[See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada](#)

[Design Criteria and Allowable Variances](#)

Design No. X514

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. Stud cut 1/2 in. less in length than assembly height.

2. **Gypsum Board*** — 1/2 in. thick, one layer over flanges and two layers over webs. Nominal 3/32 in. thick gypsum veneer plaster shall be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

AMERICAN GYPSUM CO — Types 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.

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

PANEL REY S A — Type PRC

THAI GYPSUM PRODUCTS PCL — Type C

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 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* — (Not Shown) - As an alternate to Item 2. 5/8 in. thick, one layer over flanges and two layers over webs. Nominal 3/32 in. thick gypsum veneer plaster shall be applied to the entire surface of Classified veneer baseboard. Joints reinforced.
CGC INC — Type ULIX

UNITED STATES GYPSUM CO — Type ULIX

2B. Gypsum Board* — (As an alternate to Item 2, For use with Item 5A) — 1/2 in. thick, installed as described in Item 2.

CERTAINTED GYPSUM INC — Type C

3. Screws — 1 in. long self-drilling, steel screws used to secure inner layer of wallboard to studs, spaced vertically 24 in. OC.

4. Screws — 1-5/8 in. long self-drilling, steel screws used to secure outer layer of wallboard or lath to studs spaced vertically 12 in. O.C.

5. Corner Beads — No. 26 MSG galv steel, 1-1/4 in. legs attached to wallboard with 4d by 1-3/8 in. nails, spaced 12 in. O.C. Corner beads covered with joint compound or plaster.

5A. Corner Bead* — (As an alternate to Item 5, For use with Item 2B) — 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

6. Steel Column — Min. size of column, a W14 x 228, with outside dimensions of 16 by 15-7/8 in. with a flange thickness of 1-11/16 in., a web thickness of 1-1/16 in., and a cross sectional area of 67.06 sq in.

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