

BXUV.U506 - Fire-resistance Ratings - ANSI/UL 263

**Drywall Solutions**

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](#)

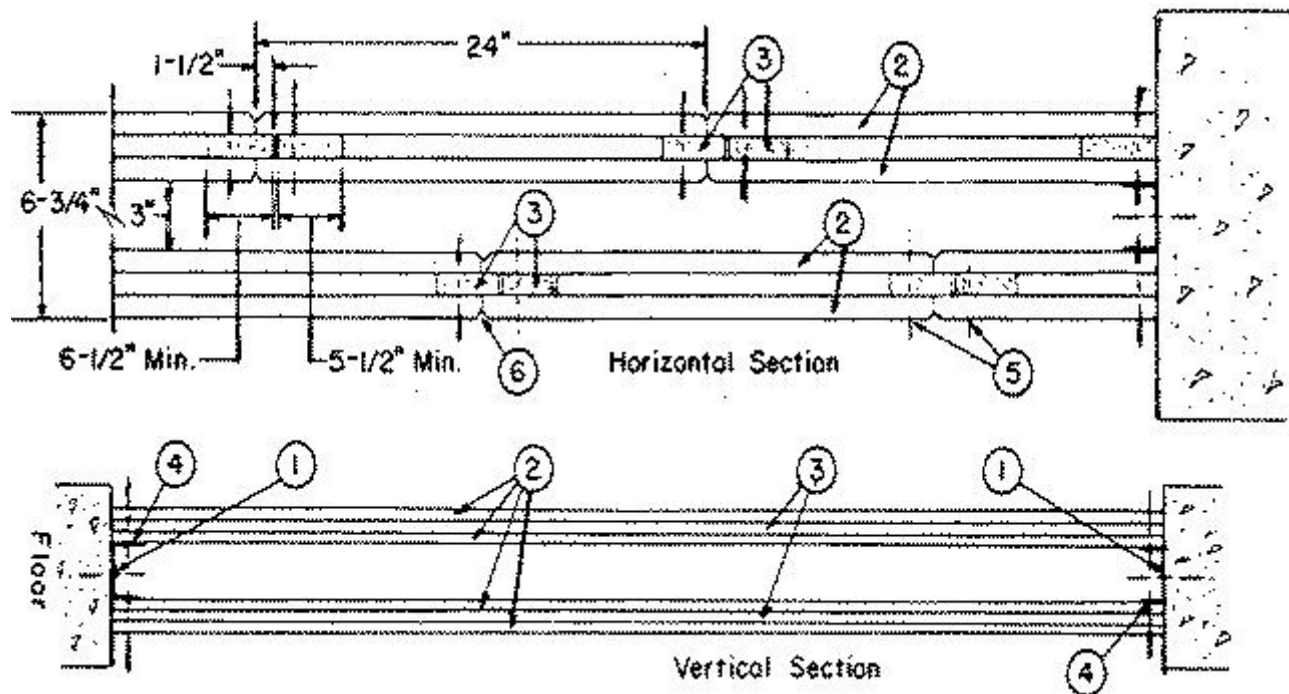
[See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada](#)
[Design Criteria and Allowable Variances](#)

Design No. U506

October 08, 2020

Nonbearing Wall Rating — 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. Floor and Ceiling Runners — Channel shaped section 1-1/4 in. deep by 3 in. wide, fabricated from 24 MSG galv steel, attached to masonry or concrete with steel fasteners spaced 24 in. OC.

2. Gypsum Board* — 5/8 in. thick. 24-in. wide sheets.

AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, LightRoc

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1.

CABOT MANUFACTURING ULC — Type X, 5/8 Type X, Type Blueglass Exterior Sheathing

CERTAINTED GYPSUM INC — Types EGRG, GlasRoc, GlasRoc-2, Type C, Type X, Type X-1, Easi-Lite Type X-2, 5/8" Easi-Lite Type X.

CGC INC — Type IP-X1, SCX, SHX, ULX, USGX (Joint tape and compound, Item 6, optional for use with Type USGX) or WRX.

GEORGIA-PACIFIC GYPSUM L L C — Types 6, 9, DA, DAP, DAPC, DGG, DS, LS, TG-C, Type X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing Type-X, Soffit-Type X, GreenGlass Type X, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing Type- DGLW, Soffit-Type DGLW, Type LW2X, Veneer Plaster Base - Type LW2X, Water Rated - Type LW2X, Sheathing - Type LW2X, Soffit - Type LW2X, Type DGL2W, Water Rated - Type DGL2W, Sheathing - Type DGL2W.

CERTAINTED GYPSUM INC — Types LGFC6A, LGFC-C/A, LGLLX, CLLX.

NATIONAL GYPSUM CO — Types FSK, FSMR-C, FSW, FSW-3, FSW-6, FSW-8, FSL, RSX.

NATIONAL GYPSUM CO — Riyadh, Saudi Arabia — Type FR, or WR.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types C, PG-C, PG-5, PG-11 9, PG-911, PGS-WRS, PGI

PANEL REY S A — Type PRX2

SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc DuraLine, Gyproc DuraLine MR, Gyproc DuraLine M2TECH, Gyproc DuraLine ACTIV'Air, Gyproc DuraLine MR ACTIV'Air, Gyproc DuraLine M2TECH ACTIV'Air

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type C, Type X

UNITED STATES GYPSUM CO — Type IP-X1, SCX, SHX, ULX, WRX, USGX (Joint tape and compound, Item 6, optional for use with Type USGX), or ULIX

USG BORAL DRYWALL SFZ LLC — Type SCX. USGX (Joint tape and compound, Item 6, optional for use with Type USGX)

USG MEXICO S A DE C V — Type IP-X1, SCX, SHX, ULX, USGX (Joint tape and compound, Item 6, optional for use with Type USGX) or WRX.

3. Gypsum Board* Ribs — Cut from sheets of 5/8 in. thick screw attached and laminated to wallboard sheets with sodium silicate base adhesive to form 1-7/8 in. thick panels.

AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, LightRoc.

CABOT MANUFACTURING ULC — Type X, 5/8 Type X, Type Blueglass Exterior Sheathing

CERTAINTED GYPSUM INC — Type C or Type X

CGC INC — Type IP-X1, SCX, SHX, ULX or WRC.

GEORGIA-PACIFIC GYPSUM L L C — Types 6, 9, C, DA, DAP, DAPC, DGG, DS, GPFS6, LS, TG-C, Type X, Veneer Plaster Base-Type X, Water Rated-Type X, Sheathing Type-X, Soffit-Type X, GreenGlass Type X, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing Type- DGLW, Soffit-Type DGLW, Type LW2X, Veneer Plaster Base - Type LW2X, Water Rated - Type LW2X, Sheathing - Type LW2X, Soffit - Type LW2X, Type DGL2W, Water Rated - Type DGL2W, Sheathing - Type DGL2W.

CERTAINTED GYPSUM INC — Types LGFC6A, LGFC-C/A, LGLLX.

NATIONAL GYPSUM CO — Types FSW, FSW-6, FSL.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type C, PG-5, PG-9, PG-11, PG-C, PGS-WRS, PGI

PANEL REY S A — Type PRX2

SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc DuraLine, Gyproc DuraLine MR, Gyproc DuraLine M2TECH, Gyproc DuraLine ACTIV'Air, Gyproc DuraLine MR ACTIV'Air, Gyproc DuraLine M2TECH ACTIV'Air

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type C or Type X.

UNITED STATES GYPSUM CO — Type IP-X1, SCX, SHX, ULX, WRC or ULIX.

USG BORAL DRYWALL SFZ LLC — Type SCX

USG MEXICO S A DE C V — Type IP-X1, SCX, SHX, ULX or WRC.

4. **Screws** — To attach gypsum panels to floor and ceiling runners, 0.118 in. diam by 2-1/4 in. long, self-drilling, self-tapping, Phillips head steel screws, two screws used at top and bottom of each panel, spaced 3 in. from edges of panels.

5. **Screws** — To secure panels along seams, No. 10 by 1-1/2 in. double lead Phillips head steel screws, located 3 in. from edges of panels; spaced vertically 30 in. OC.

6. **Joint Compound** — Joints finger wiped and screw heads covered with one coat of joint compound.

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Last Updated on 2020-10-08

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