

BXUV.U405 - Fire-resistance Ratings - ANSI/UL 263



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](#)

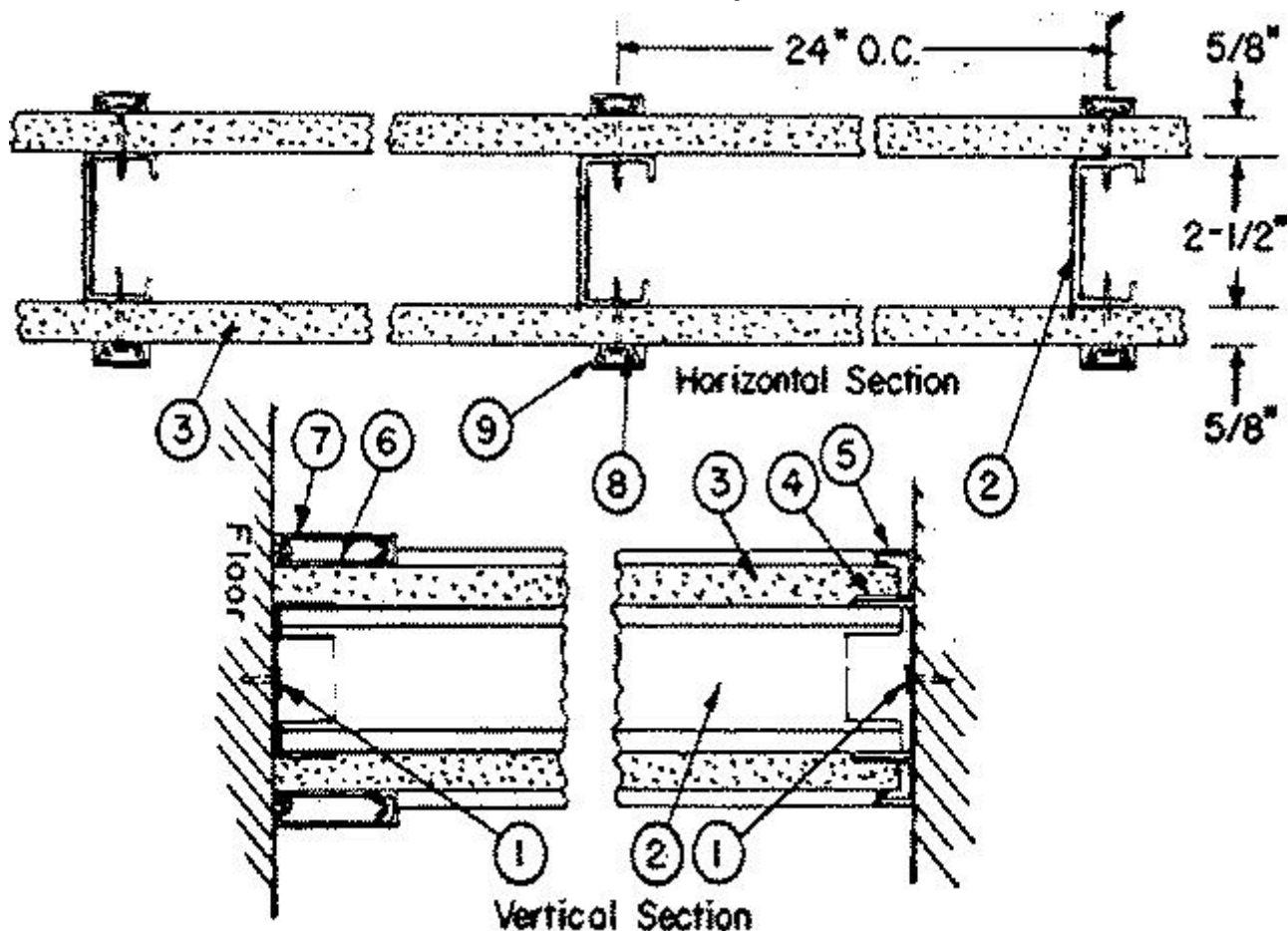
[See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances](#)

Design No. U405

March 11, 2020

Nonbearing Wall Rating — 1 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 Channel — 2-1/2 in. wide by 1-1/4 in. deep, No. 25 gauge galv steel, attached to masonry or concrete with fasteners 24 in. OC.

2. Steel Stud — 2-1/2 in. wide with 1-3/8 in. legs, 1/4 in. folded back return flange in legs, No. 25 gauge galv steel with 1-9/16 in. square conduit cutouts spaced not less than 8 in. OC, studs 3/8 in. less in length than assembly height.

3. Gypsum Board* — 5/8 in. thick, applied vertically with joints located over studs, joints on opposite sides staggered 24 in. OC, attached to studs with steel tracks and self-tapping screws.

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

CABOT MANUFACTURING ULC — Type X

CERTAINTED GYPSUM INC — Type X, Type X-1, Easi-Lite Type X-2, Type C, Type EGRG, Type GlasRoc, GlasRoc-2.

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

GEORGIA-PACIFIC GYPSUM L L C — Types DAPC, TG-C

NATIONAL GYPSUM CO — Types eXP-C, FSK, FSK-C, FSL, FSMR-C, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSW-G, FSW-C, Type SBWB

PANEL REY S A — Types GREX, GRIX, PRX, RHX, MDX, ETX.

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

THAI GYPSUM PRODUCTS PCL — Type X, Type C

4. **Ceiling Clip** — 1/2 in. wide by 7/8 in. high, 0.025 in. spring steel, clipped to ceiling channel on 24 in. centers.
5. **Ceiling Trim** — Channel shape, 1 in. wide with legs 1-3/16 and 3/4 in. deep, 0.044 in. thick extruded aluminum, attached to ceiling channel with ceiling clips.
6. **Base Clip** — 1-3/4 in. wide by 2-3/8 in. high, No. 19 gauge steel, attached to floor channel over wallboard with 0.140 in. diam by 1-1/8 in. long flat Phillips head self-tapping screws, spaced 24 in. OC.
7. **Base Trim** — 2-1/2 in. wide by 1/2 in. deep, 0.044 in. thick extruded aluminum, snap-on type.
8. **Steel Track** — 7/8 in. wide by 1/8 in. deep, No. 25 gauge steel, placed at studs over wallboard, attached to studs with 0.140 in. diam, 3/8 in. diam flat Phillips head self-tapping screws spaced vertically 9 in. O.C.
9. **Aluminum Battens** — 1 in. wide by 5/32 in. deep, 1/16 in. thick extruded aluminum, snap-on type, placed over steel tracks.

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Last Updated on 2020-03-11

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