



BXUV.V448 Fire Resistance Ratings - ANSI/UL 263

Page Bottom

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 Listed or Classified 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 as Classified, Listed, or Recognized.

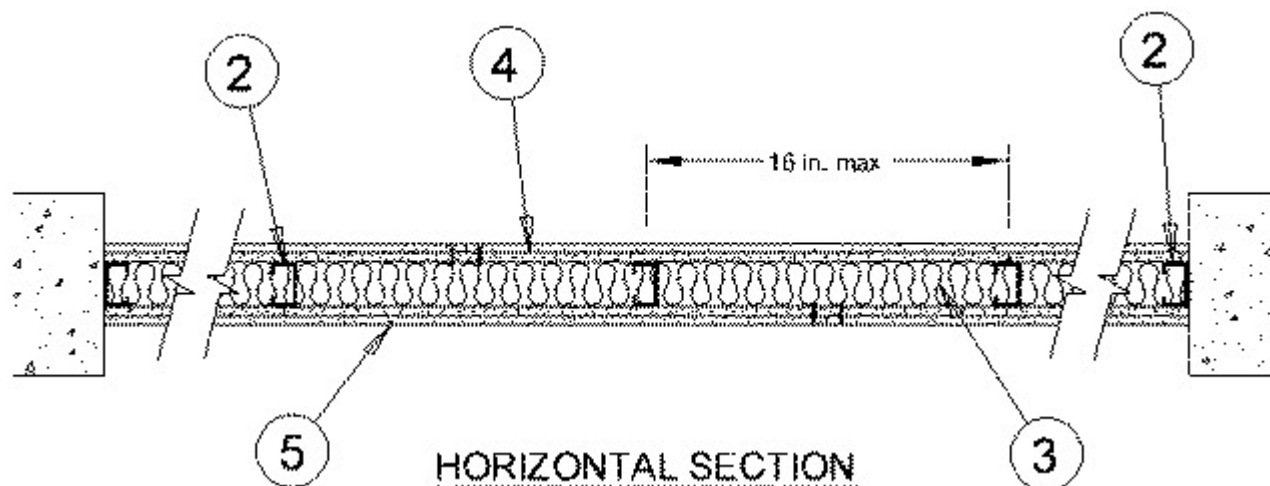
Fire Resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. V448

March 23, 2009

Nonbearing Wall Rating — 1 HR.



1. **Floor and Ceiling Runner** — (Not Shown) — Channel shaped, attached to floor and ceiling with steel fasteners spaced max 36 in. OC. Fabricated from min No. 25 MSG galv steel, 3-5/8 in. deep and min 1-1/4 in. wide.

1A. **Framing Members - Floor and Ceiling Runner*** — Not shown - In lieu of Item 1 — For use with Item 2A, proprietary channel shaped runners, 1-1/4 in. deep by 3-5/8 in. wide fabricated from min 0.0200 in. thick galv steel, attached to floor and ceiling with fasteners spaced 36 in. OC max.

MARINO\WARE A DIV OF WARE INDUSTRIES

INC — Viper20S™ Track, Viper20D™ Track

2. **Steel Studs** — Channel shaped, spaced a max 16 in. OC. Fabricated from min 25 MSG galv steel, min 3-5/8 in. wide by 1-1/4 in. deep with 1/4 in. folded back return flange legs. Studs to be cut 3/8 in. less the assembly height. Steel studs friction-fitted into ceiling runners (Item 1). Studs attached to floor runners with 7/16 in. long Type S-12 pan-head, self-drilling, self-tapping steel screws on both sides of the studs or by welded or bolted connections designed in accordance with the AISI specifications. Where required for lateral support of studs, support shall be

provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.

2A. Framing Members - Metal Studs* — Not shown - In lieu of Item 2 — For use with Item 1A, proprietary channel shaped steel studs, 1-1/4 in. deep by 3-5/8 in. wide fabricated from min 0.0200 in. thick galv steel. Studs 3/8 in. less in lengths than assembly heights. Spaced 16 in. OC max. Studs attached to floor runners with 7/16 in. long Type S-12 pan-head, self-drilling, self-tapping steel screws on both sides of the studs or by welded or bolted connections designed in accordance with the AISI specifications. Where required for lateral support of studs, support shall be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.

MARINO\WARE A DIV OF WARE INDUSTRIES

INC — Viper20S™, Viper20D™

3. Batts and blankets — Nom 3 in. thick, minimum 3.4 pcf mineral wool batts, friction fit between the studs and floor and ceiling runners.

4. Mineral and Fiber Board* — Nom 1/2 in. thick, 4 ft wide Homasote Type 440-32 Sheathing. Installed with long dimension parallel with studs. Vertical joints centered on studs, and staggered one stud space from opposite side. Attached to studs with Type S-6 1-5/8 in. long drywall screws, spaced 12 in. OC along interior studs at perimeter of panels.

HOMASOTE CO — Homasote Type 440-32

5. Gypsum Board* — 5/8 in. thick, 4 ft wide. One layer of wallboard applied vertically over the mineral and fiber board with joints centered between studs and staggered min 16 in. on opposite sides, secured with Type S-10, 1-1/2 in. long screws spaced 12 in. OC along the perimeter and 16 in. OC in the field.

CANADIAN GYPSUM COMPANY — Types C, IP-X2.

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

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

6. Joint Tape and Compound — (Not Shown) — Outer layer joints covered with joint compound and paper or mesh tape. Screw heads covered with joint compound.

*Bearing the UL Classification Mark

Last Updated on 2009-03-23

[Questions?](#)

[Notice of Disclaimer](#)

[Page Top](#)

[Copyright © 2009 Underwriters Laboratories Inc.®](#)

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2009 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.

