



BXUV.U494 Fire Resistance Ratings - ANSI/UL 263

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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.

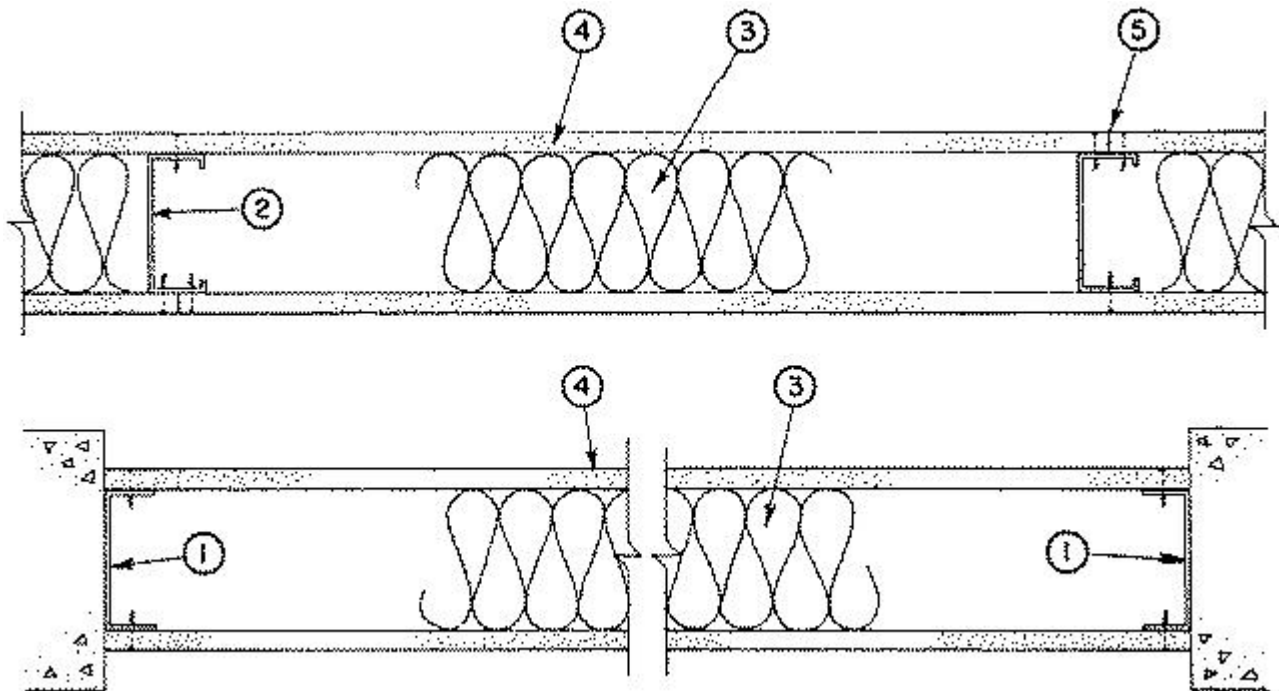
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[See General Information for Fire Resistance Ratings - ANSI/UL 263](#)

Design No. U494

March 23, 2009

Nonbearing Wall Rating — 1 HR.



1. Floor and Ceiling Runners — Channel-shaped runners, 2-1/2 in. wide by 1 in. deep, fabricated from 25 MSG galv steel. Attached to floor and ceiling with fasteners.

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 2-1/2 in. wide fabricated from min 0.0200 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

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INC — Viper20S™ Track, Viper20D™ Track

2. **Studs** — Channel-shaped, 2-1/2 in. wide by 1-1/4 in. deep with 5/16 in. folded back return. Fabricated from 25 MSG galv steel. Spaced 16 or 24 in. OC. Length of studs to be 1 in. less than assembly height.

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 2-1/2 in. wide fabricated from min 0.0200 in. thick galv steel. Studs 1 in. less in lengths than assembly heights.

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3. **Batts and Blankets*** — Nom 2-1/2 in. thick glass fiber batts supplied in 16 or 24 in. widths, installed to fill interior of stud cavities and friction held.

JOHNS MANVILLE INTERNATIONAL INC

OWENS CORNING

4. **Gypsum Board*** — 5/8 in. thick, 4 ft wide, applied vertically, attached to steel studs on both sides and floor and ceiling runners with 0.127 in. diam self-drilling, self-tapping steel screws, 1 in. long, spaced 8 in. O.C. along edges of boards and 12 in. O.C. in the field of the boards. Joints centered over studs and staggered on opposite sides of the assembly.

See Gypsum Board (CKNX) Category for names of manufacturers.

5. **Joint Tape and Compound** — Vinyl-based powder or premixed joint compound, applied in two coats to joints and screw heads; paper tape 2 in. wide, embedded in first layer of compound over all joints.

*Bearing the UL Classification Mark

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