



BXUV.U326 Fire Resistance Ratings - ANSI/UL 263

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Fire Resistance Ratings - ANSI/UL 263

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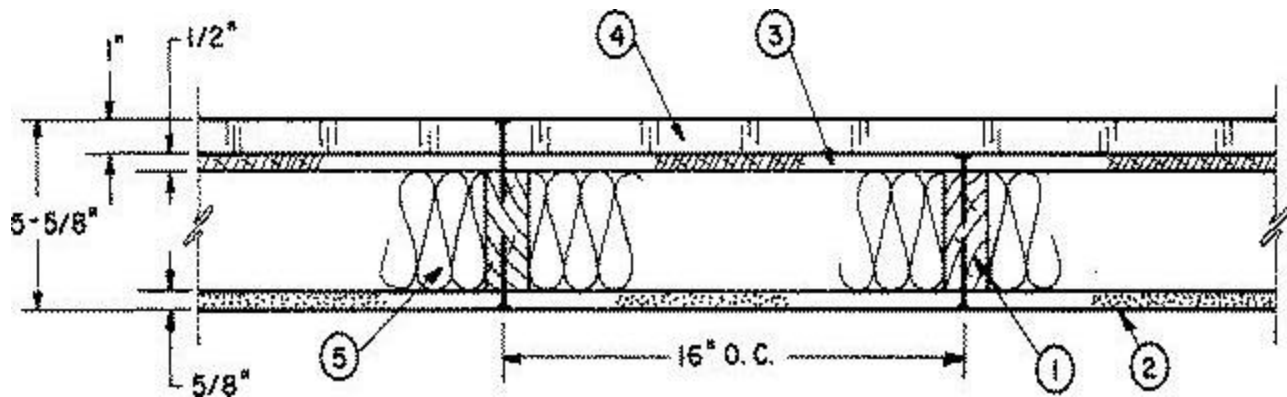
Design No. U326

December 17, 2004

(Exposed to Fire on Interior Face Only)

Bearing Wall Rating — 1 HR.

Finish Rating - 25 Min.



1. **Wood Studs** — Nom 2 by 4 in., spaced 16 in. OC.
2. **Gypsum Board*** — 5/8 in. thick, 4 ft wide, applied vertically. Attached to studs with 1-3/4 in. long steel drywall nails with 0.102 in. diameter shank and 0.29 in. diameter head, spaced 7 in. OC. Vertical joints located over studs. Joints covered with paper tape and joint compound. Nail heads covered with joint compound.

See **Gypsum Board (CKNX)** category for names of manufacturers.

3. **Plywood Sheathing** — 1/2 in. thick, 4 ft wide, wood structural panels. Applied vertically with vertical joints located over studs and staggered 16 in. min from

wallboard joints. Horizontal joints are backed with nom 2 by 4 in. wood backing. Attached to the studs with 2 in. long galvanized roofing nails with a 0.122 in. diameter shank and a 3/8 in. diameter head, spaced 6 in. OC at the perimeter of the sheet and 12 in. OC in the field.

4. **Foamed Plastic*** — Min 1 in. thick rigid polystyrene insulation, supplied in 4 by 8 ft sheets. Applied vertically with vertical joints located over studs. Attached to studs with 2 in. long galvanized roofing nails with a 0.122 in. diameter shank and a 3/8 in. diameter head, spaced 12 in. OC.

OC CELFORTEC INC

KOPPERS INC

OWENS CORNING SPECIALTY & FOAM

PRODUCTS

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THE DOW CHEMICAL CO

4A. **Foamed Plastic*** — Min 1 in. thick rigid polyisocyanurate insulation, supplied in 4 by 8 sheets. Applied vertically with vertical joints located over studs. Attached to studs with 2 in. long galv roofing nails with a 0.122 in. diam shank and a 3/8 in. diam head, spaced 12 in. OC.

THE DOW CHEMICAL CO — Type Thermax

5. **Insulation** — 3-1/2 in. thick kraft paper faced glass fiber insulation. Supplied in rolls 15 in. wide. Density to be nom 0.75 lb/ft³. Placed in stud cavities and secured to studs with steel staples spaced nom 12 in. O.C.

5A. **Fiber, Sprayed*** — As an alternate to Insulation (Item 5) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft³. Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nominal ratio of one part adhesive to 6.6 parts fiber to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 2.5 lb/ft³.

U S GREENFIBER L L C — Cocoon2 Stabilized or Cocoon-FRM (Fire Rated Material)

*Bearing the UL Classification Mark

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