**UL FIRE RATED**

**Design No. U910**

**Bearing Wall Rating - 4 HR.**

**Nonbearing Wall Rating - 4 HR.**

---

**Concrete Blocks**: Various designs. Classification D-2 (2 hr).

**Mortar**: Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

**Furring Channels**: Min 0.019 in. thick (25 gauge) galv steel, 1-3/8 in. wide on top and 2-3/4 in. wide at bottom by 7/8 in deep. Spaced 24 in. OC perpendicular to floor with a channel parallel to and approximately 3 in. above floor and 3 in. below ceiling. Clearance between vertical and horizontal channels 1/2 in.

**Channel Fasteners**: 1-1/4 in. long masonry screws with 3/16 in. body and 5/16 in. diameter head. Fasteners spaced 24 in. OC with the fasteners staggered on each long leg of the furring channel.

**Wallboard, Gypsum**: 1/2 in. thick, 4 ft. wide, secured to furring channels with wallboard fasteners (Item 6). Gypsum plaster not more than 1/16 in. thick may be applied to wallboard in addition to joint treatment.

- American Gypsum Co. - Type AG-C
- Boral Gypsum Inc. - Type BG-C
- Canadian Gypsum Company - Types C, IP-X2.
- Celotex Corp. - Type FRP.
- Continental Gypsum Company - Types CG-C, CG5-5, CGTC-C.
- G-P Gypsum Corp. - Type 5.
- James Hardie Gypsum Inc. - Type Max “C”.
- Lafarge Gypsum, A Div. of Lafarge Corp. - Type LGFC-C.
- Pabco Gypsum Co. - Type PG-C.
- Republic Gypsum Co. - Type RG-C.
- Standard Gypsum Corp. - Type SG-C.
- Temple-Inland Forest Products Corp. - Type TG-C
- United States Gypsum Co. - Types C, IP-X2.
- Yeso Panamericano SA de CV - Types C, IP-X2.

**Wallboard Fasteners**: 1 in. long, self-drilling, self-tapping steel screws with bugle heads. Fasteners attached to each furring channel and spaced 8 in. OC at butt joints and 12 in. OC in the field of the board parallel with furring channels. Clearance between fasteners and edges of wallboard 3/4 in.

**Joint System**: (Not Shown) - Paper tape embedded in cementitious compound over joints. Paper tape and exposed screws heads covered with two layers of compound. Edges of compound feathered out.

*Bearing the UL Classification Marking*