Wallboard Protection on Each Side of Wall

Min Stud Depth 3-1/2 2-1/2 1-5/8 1-5/8 3-1/2 1-5/8 1-5/8 1-5/8 1-5/8 2-1/2

oction on Each Sides of No. of Layers And Thickness of Panels

1 layer, 5/8 in. thick 1 layer, 1/2 in. thick 1 layer, 1/2 in. thick 2 layers, 1/2 in. thick 2 layers, 1/2 in. thick 1 layer, 3/4 in. thick 1 layer, 3/4 in. thick 1 layer, 3/4 in. thick 1 layers, 1/2 in. thick 1 layers, 3/4 in. thick

2-1/2 2-1/2

FIRE RESISTANCE DIRECTORY (BXRH) FIRE RESISTANCE RATINGS - ANSI/UL263 (BXUV)-Continued

5. Fasteners—(Not shown)—Type S or S-12 self-drilling, self-tapping steel screws used to attach panels to studs (Item 2) or furning channels (Item 6). Single layer systems: 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. 00 when panels are applied horizontally, or 12 in. 00 when panels are applied vertically. Two layer systems: First layer-1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. 00. Second layer-158 in. long for 1/2 in. 5/8 in. thick panels or 2-3/4 in. long for 67 3/4 in. thick panels or 1. Thee-layer systems: First layer-1 in. long for 1/2 in. 5/8 in. thick panels or 1/2 in. 5/8

A sints of outer panels.

8. Sino, Brick or Stucco—(Optional, not shown) —Aluminum, vinyl or still stiding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

9. Caulting and Sealants—(Optional, not shown)—A bead of acoustical sealant apptied around the partition perimeter for sound control.

United States Gypsum Co.—Type AS

*Bearing the Ul. Classification Marking

Min Thickness
Of Insulation
(Item 3)
Optional
1-1/2-in,
Optional
Optional
3 in,
Optional

④

2

Horizontal Section System D - 2 Hr. 6

Horizontal Section

System E - 2 Hr.

Horizontal Section

Horizontal Section

1. Floor, Side and Ceiting, Runners—"17"—shaped runner, min 2-1/2 in, deep, with unequal legs of 1 in, and 2 in, fabricated from min 24 MSG galv steel. Runners positioned with short leg toward finished side of wall. Runners attached to structural supports with steel fasteners located not greater than 2 in, from ends and not greater than 24 in, OC.

2. Steel Studs—"C-H"—shaped studs, min 2-1/2 in, deep, fabricated from min 25 MSG galv steel. Out to lengths 3/8 to 1/2 in, less than floor-to-ceiting height and spaced 24 in, or 600 mm OC.

24. Steel Studs—(Not Showi)—"E"—shaped studs installed in place of "C-H"—shaped studs (Item 2) and to secure the closure tiner panels at the ends of walls, Fabricated from min 25 MSG galv steel, min 2-1/2 in, deep, with one leg 1 in, long and two legs 3/4 in, long. Shorter legs 1 in, apart to engage gapsum liner panels. Cut to lengths 3/8 in, less than floor to ceiting heights. Sill and lintel of opening formed with "3"—shaped runners (Item 1) secured to "E"—shaped studs with angle clips and stoel cries.

numers (Item 1) secured to "E"—shaped studs with angle cups and sizes.

3. Wallboard, Gypsum*—Cypsum liner panels, nom 1 in. thick, 24 in. or 500 mm (for metric spacing) wide. Panels cut 1 in. less in length than floor to ceiling height. Vertical edges inserted in "H"—shaped section of "L-H" studs. Free edge of end panels attached to long leg of "J"—runners with 1.5/8 in. long Type S self-drilling, self-tapping bugle head steel screws spaced not greater than 12 in. Oc. When wall height exceeds liner panel length, liner panel may be butted to extend to the full height of the vall. Charles Gypsum Company—Type SLX
United States Gypsum Company—Type SLX
Less Fanameritano S.A. de C.V.—Type SLX
4. Wallboard, Gypsum"—

Systems A & D

Systems A & D

Gypsum panels, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached to studs with 1 in. long Type S self-drilling, self-tapping bugle head steel screws spaced 12 in. (24 in. OC in System D).

Canadian Gypsum Company — Types AR, C, IP-X1, IP-X2, SCX, SHX, WRC, WRX.

United States Gypsum Co. — Types AR, C, IP-X1, IP-X2, SCX, SHX, WRC, WRX.

Yeso Panamericano S.A. do C W — Table 10 in 19 in 19

Yeso Panamericano S.A. B. 2 in: Types C, IP-X2 or WRC; 5/8 in. Types AR. C, IP-X1, IP-X2, SCK, SHK, WRC, WRX. Gypsum panels, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, apptied vertically or horizontally, attached to studs with 1 in. long Type S self-drilling, self-tapping bugle head steel screws spaced 12 in. Oc. Canadian Gypsum Company — 1/2 in. Type C, IP-X2; 5/8 in. Types AR, C, IP-X1, IP-X2, SCK, SHK, WRC, WRX. United States Gypsum Co. — 1/2 in. Types C, IP-X2; 5/8 in. Types AR, C, IP-X1, IP-X2, SCK, SHK, WRC, WRX. Yeso Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Types AR, C, IP-X1, IP-X2, SCK, SHK, WRC, WRX. Yeso Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Types AR, C, IP-X1, IP-X2, SCK, SHK, WRC, WRX. Yeso Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Types AR, C, IP-X1, IP-X2, SCK, SHK, WRC, WRX. Yeso Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Types AR, C, IP-X1, IP-X2, SCK, SHK, WRC, WRX. Yeso Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Types AR, C, IP-X3, IP-X2, SCK, SHK, WRC, WRX. Yeso Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Organization Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Types AR, C, IP-X1, IP-X2, SCK, SHK, WRC, WRX. Yeso Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Organization Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Types AR, C, IP-X1, IP-X2, SCK, SHK, WRC, WRX. Yeso Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Types AR, C, IP-X1, IP-X2, SCK, SHK, WRC, WRX. Yeso Panamericano S.A. de C.V. — 1/2 in. Types C, IP-X2; 5/8 in. Types C, IP-X2; 5/8

1P-X2 or WRC: 5/8

SHX, WRC, WRX

System B

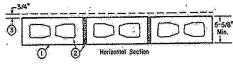
Gypsum panels, nom 1/2 in. or 5/5 in. thick, 48 in. or 1 applied vertically or horizontally in two layers. Inner attached to study with 1 in. long Type 5 self-drilling, self-head steel screws spaced 24 in. OC. Outer or face lay anti-with 1-5/8 in. long Type 5 self-drilling, self-arburing but screws spaced 12 in. Johns by feen in some or face in the space of 12 in. Johns by feen in some or face in when applied prizontally. The space of 12 in. when applied prizontally.

in. Types AR, C, IP-XIS
in. Types AR, C, IP-XIS
in. Types AR, C, IP-XIS
aso Panamerican S A

(4)

6

Design No. U906 Bering Wall Rating—2 HR. Nonbearing Wall Rating—2 HR.



WWW.L.DILine.com BID PACKAGE / PHASING RP-1 10/15/2019 Southern LLC rchitects & engineers ADD ALTERNATE #1 BOARD OF EDUCATION OFFICE FOR: HEARD COUNTY SCHOOLS 4647 PEA RIDGE ROAD, FRANKLIN, GA 30217 HEARD COUNTY SCHOOL SYSTEM FRANKLIN, GEORGIA UL1 DRAWING NUMBER A702