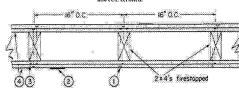
Bearing Wall Rating - 2 BR.

Finish Rating --- 66 Min

Load Restricted for Canadian Applications --- See Guide BXEV?

When used in Caoada it is required that all materials included within the UL design are



Nailheads --- Exposed or covered with joint compound.

2. Joints — Exposed joints covered with joint compound and paper tage. Joint compound and paper tage may be omitted when square edge boards are used. As an alternate, nom 3/32 in, thick gypsum veceer plaster may be applied to the entire surface of Classified veneer baseboard with iouns reinforced with paper tane.

3. Noils --- od cement coated oads 1-7/8 it. long, 0.0915 in. shook diam, 3/4 in. diam heads, and 8d cement coated nails 2-3/8 in. long, 0.113 in. shank diam, 9/32 in. diam heads.

4. Cypsum Board* — 5:78 in. thick, two layers applied either horizontally or vertically. Inner layer attached to states with the 1-78 in. anils spaced 6 in. DC. Outer layer attached to stade over inner layer with the 2-3% in. long ratis spaced 8 in. OC. Vertical joints located over studie. All joints in face layers staggered with joints in hase layers. Joints of each base layer offset with joints of the layer on opposite sign.

When used in widths other than 48 in., gypsum board to be installed horizontally

When Steel Framing Members* (Item 6 or 6A) are used, base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced max 24 in. OC; face layer attached with 1-5/8 in. long Type S bugle-head steel screws spaced max 12 in. OC.

ACADIA DRYWALL SUPPLIES LTD --- Type X, 5/8 Type X, Moisture Resistant Type X Gypsum Sheathing Type X, Mold& Mildew Resistant Type X and Mold & Mildew Resistant

AMERICAN GYPSUM CO -- Types AGX-1, M-Glass, AG-C, AGX-11.

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO - Type DBX-1.

CERTAINTEED GYPSUM CANADA INC --- Type C, Type K, Type Abuse-Resistant.

 $\textbf{CERTAINTEED GYPSUM INC} \cdots \textbf{Types 1, FRPC, EGRG, GlasRoc, Type C or Type X.}$

CGC INC --- Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, WRC, WRX

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L. L. C --- Types LGFC2A, LGFC-6A, LGFC-C/A, LGFC-WD, LGLLX.

GEORGIA-PACIFIC GYFSUM L. L. C. ... Types S, 6, 9, C, DAP. DD. DA, DAPC, DGG, DS, GPFSG, LS, TG-C, Type X, Venucer Plaster Base-Type X, Water Rated-Type X, Sheathing Type-X, Soffit-Type X, Greenflass Type X, Type LWX, Vencer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW. Water Rated-Type DGLW, Sheathing Type-DGLW, Soffit-Type LWX, Vpe DGLW, Mater Rated-Type DGLW, Soffit-Type DGLW, Type LWX, Vpe LWX, Vpe

NATIONAL GYPSUM CO — Types FSK, FSK-C, FSK-G, FSW, ESW-3, FSW-5, FSW-6, FSW-C, FSW-G, FSMR-C, FSL

PABCO BUILDING PRODUCTS 1. L.C, DBA PABCO GYPSUM --- Types C, PG-2, PG-3, PG-3W, PG-4, PG-5, PG-5W, PG-5W8, PG-9, PG-11, PG-C or PGS-WRS.

PANEL REY S A -- Types PRC, PRX, RHX, MDX, ETX, GREX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD --- Type EX-1

THAI GYPSUM PRODUCTS PCL --- Type C or Type X.

 $\begin{array}{l} \textbf{UNITED STATES GXPSUM CO} - \textbf{Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX.} \end{array}$

USG MEXICO S A DE C V --- Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX,

4A. Gypsum Board* --- (As an alternate to Item 4) --- Nom 3/4 in, thick, installed as described in Item 4.

CGC INC --- Types AR, IP-AR,

UNITED STATES GYPSUM CO --- Types AR, IP-AR.

USG MEXICO S A DE C V - Types AR, IP-AR,

4B. Gypsum Board* --- (As an alternate to Items 4 and 4A)---5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 4. Joint covering (Item 2) not required.

UNITED STATES GYPSUM CO --- Type SHX

USG MEXICO 5 A DE C V --- Type SHX

4.C. Cypsum Board*—(As an alternate to Items 4, 4A or 48 ... Not shown) For Direct Application to Stude Only. For use on our or both sides of the wall as the base layer or one or both sides of the wall as the base layer or one or both sides of the wall as the base layer or one or both sides of the wall as the face layer. Noun 5.8 in, thick lead backed grypsum panels with breveled, square or napened organized properties of the properties of the students of th 4C. Gyospin Board* --- (As an alternate to Items 4, 4A or 4B --- Not shown) For Direct r adhered over steel screw beads or max 1/2 in, by 1-1/4 in, by max 0.125 in, thick lead tabs to adultace trives need service where to make the 12 m by 15 m m m to make the 12 m m, once the 12 m by 15 m m, once the 12 m m,

4D. Cypsum Board* --- As an Alternate to Item 4 --- 5/8 in, thick applied either hovertically. Inner layers fastened in framing with 1-1/4 in, long Type W coarse threae punel steel servers spaced a max 8 in. O.C. with last server 1 in from edge of boar fastened to framing with 1-1/8 in, long Type W coarse thread gypsum panel a max 8 in. OC, with last server 1 in from edge of board. When used in widths gypsum board to be installed horizontally. All joints in face layers staggered with layers. Joints of each base layer offset with joints of base

AMERICAN GYPSUM CO -- Types AGX-1, M-1

- 5/8 in. thick, 4:

GEORGIA-PACIFIC GYPSUM I. L. C - Type X ComfortGuard Sound Deadening Gypsum

4F. Gypsum Board* — (As an alternate to Item 4) — Nor to be used with item 6, 5/8 in, thick, 4 ft, wide, paper surfaced, applied vertically and secured as described in Item 4.

NATIONAL GYPSEM CO --- SoundBreak XP Type X Gypsum Board

4G. Gypsum Board * — (As an alternate to Items 4 through 4F) — Nominal 5/8 in, thick, 4 ft wide panels, applied vertically and secured as described in Item 4.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM --- Types Q

4H. Gypsum Board* --- (As an alternate to Item 4) --- Not to be used with item 4 ft. wide, paper surfaced, applied vertically and secured as described in Item 4

CERTAINTEED GYPSUM INC --- Type SilentFX

FSK-G, FSW, FSW-3, FSW-5, FSW-6,

max thickness of B.140 in, placed on the lace of studs and attribute to the stud with two 1 in. here Type S-8 pan head seed serves, one at the top of the strip and one at the bottom of the strip. Lead discs, max 5/16 in. diam by max 9.140 in. thick, compression fitted or adhered over the servew heads. Lead attent artists and discs to have a purity of 99.5% meeting the Federall specification QQ-4.-201f, Grades "B. C or D". Fasceners for face layer gypsum panels (Berns 4, 4A or 4B) when istalled over lead backed board to be min 2-1/2 in, Type 8-12 bugle bend steel screws spaced as described in Item 4.

MAYCO INDUSTRIES INC - "X-Ray Shielded Gyosum

4K. Cypsum Board* — For use with Item 7 — 5/8 in, thick, two layers applied vertically, Inner layer attached to resilient channels with 1 in. long steel servers spaced 8 in. OC. Outer layer attached to resilient channels over oner layer with 15-6/8 in. long steel servers spaced 8 in. OC. All justes in face layers attached to resilient channels over oner layer with 15-6/8 in. long set servers spaced 8 in. OC. All justes in face layers attached to resilient servers appeared in the control in the set layers. Joints of each base layer office with joints of those layer on opposed set, longation, Inner 8 or 9 is required.

AMERICAN GYPSUM CO --- Types AGX-1, M-Glass, AG-C, AGX-11.

42. Gypsum Buard* — (As an alternate to Rems 4) For Direct Application to Studs Only-For use as the base layer or as the face layer. Nom 5/8 in, thick lead backed gypsum panicles with beveled, square or tapered edges, applied vertically. Vertical joints centered over study and staggered thin 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. staggered min 1 stud eavity on opposite sides of studs. Wallboard secured to studs with 1-58 in. long Type W ownee threat gypsam penal stelse brown spaced kin. OCT a nerimeter and is the field when applied as the base laver. When applied as the face laver serve length to be increased to 2-17 in. Lend batters strips required behind verified joints of lend backed gypsam walfsoard and optional at remaining stud locations. Lead batters strips, man 2 is, wide, mas. 81 long with a max thickness of 01.14 in. placed on the face of studs and anached to the stud with construction attacked to the stud over 1 in. long Type 3-12 pan head steed secrees, one at the top of the stup and one at the bottom of the strip. Lead diseas, nominal 3/8 in. dam by max 0/8/8 in. blick. compression fried or adflered over the screw heads. Lend batter strips and dises to have a purity of 99/9% neceting the Federal specification QQ-1-20/1f. Grade "C". Fasteners for face layer gypsum panels (terms 4.4 As or All when mealthed over lead backed howard to be min 1-1/2 in. Tyme 3-12 houle ns 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle steel screws spaced as described in Item 4.

RADIATION PROTECTION PRODUCTS INC -- Type RPP - Lead Lined Drywall

4M. Gypsum Board* --- (As an alternate to Item 4) --- 5/8 in. thick, 4 ft. wide, two layers applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Secured as described in Item 4.

CERTAINTEED GYPSUM CANADA INC -- 5/8" Easi-Lite Type X

CERTAINTEED GYPSUM INC - 5/8" Easi-Lite Type X

4N, Gypsum Board* -- (As an alternate to 5/8 in, Type FSW in Item 4 or 41) thick gypsum panels applied vertically or horizontally. I layer of 5/8 in. gypsum board described is Item 4 or 41, ed, Inner layer of each double 5/16 i item 4 or 41, spaced 24 in. OC. Outer layer of each do

40. Wall and Partition Facings and Accessories * — (As an alternate to Items 4 through 4N)
 Nominal 5/8 in, thick, 4 ft wide panels, applied vertically and secured as described in Item 4.

PARCO BUILDING PRODUCTS L. L.C., DBA PARCO GYPSUM --- Type Quie

5. Molded Plastic* --- Not slown, Optional --- Solid viryl siding mechan outer layer to framing members in occurdance with manufacturer's recommendation.

ALSIDE, DIV OF ASSOCIATED MATERIALS INC

GENTER BUILDING PRODUCTS LTD

VYTEC CORP

6. Steel Framing Members -- (Optional, Not Show

isolation clip as described below A. Furring Channels—

ed to study with No. 8 x 2-1/2 in. course

and solution city as described before:

Furring Channels — Formed of No. 25 MSG galv seed. Spaced 24 in. OC perpendicular to
did. Channels secured to study as described in Item h. Ends of adjoining channels overlapped 6
n. and secured together with four self-tapping No. 8x1.2 Self-Duilling screws (? per side. 1 io.
and 4 in. from overlap edge). Opposition board attached to furring channels as described in Item 4.
Side joint furring channels shall be attached to studis with RESILMOUNT Sound Isolation Clips
Type A.327R located approximately? 2 in. from each end of length of channel. Both Gysman
Boards at side joints firstened into channel with screws spaced 8 in. OC, approximately 1/2 in.
from niote of each.

B. Steel Franting Members* — Resilient sound isolation clip used to attach furring channels (Item 5Aa) to studs. Clips spaced 16 in. OC_{γ} and sectured to studs with No. $10 \times 2 \cdot 12 \cdot in$ coarse drywall screw through the center hole. Euring channels are friction fitted into clips.

SILMOUNT Sound Isolation Clins - Type A237R

tts and Blankets* - Required for use with resilient channels, Item 7, min. 3 in. thick

ool batts, placed to fill interior of wall, attached to the nom 4 in, face of the studs with placed 24 in, OC

THERMAFIBER INC -- Type SAFB

Botts and Blankets* — (As an alternate to fleor 8) — roin. 3 in thick glass fiber bata bearing the UL Classification Marking as to Surface Burning analor Fire Resistance, friction-fitted to fill the stud cavities. See Botts and Blankets (BKNV or BZJZ) Categories for names of Classified

10. Wall and Partition Facings and Accessories* — (Optional, Not shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the muse, a it was passes, for optional use at an adultional styre on one or both sides of the assembly. Panels statehed in accordinace with manufacturer's recommendations. When the QR-510 panel is installed between the wood framing, and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/ore to be installed as indicated as to fastener type and spacing, except that the required fastener longth shall be increased by a minimum of U2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

PABCO BUILDING PRODUCTS L. L.C, DBA PABCO GYPSUM --- Type QuietRock QR-

11. Committions Racker Units* (Opional Item Not Shown ... For Use On Face Of 2 Hr Systems With All Standard Items Required) ... 7716 in, 1/2 lm, 5/8 lm. 3/4 lm, or 1 in, thick, min, 3/2 lm, whice. Applied vertically with vertical joints centreed over study. Face layer fastened over gypsum board to study and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in, for steel framing members, and a minimum of 3/4 in, for wood framing members spaced a max of 8 in. OC

NATIONAL GYPSUM CO --- Type DuraBacker, PermaBase, DuraBacker Phas, or PennaBase

Bearing the UL Classification Mark

Last <u>Opdated</u> on 2014-05-05

OV TRAMMELL.

ULE PRINTED DATE ISSUE/REVISION 1/01/18 Issued for Permit

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