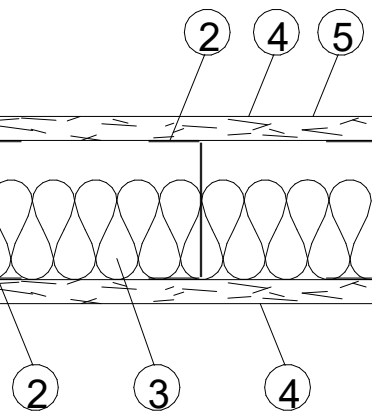


Design No. U465
October 03, 2012

Nonbearing Wall Rating - 1HR.



1. Floor and Ceiling Runners - (Not shown) - Channel shaped runners, 3-5/8" deep (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

1A. Framing Members* - Floor and Ceiling Runners - (Not shown) - As an alternate to Item 1 - Channel shaped, min 3/8" in. deep, attached to floor and ceiling with fasteners 24 in. OC max.

ALSTEEL A GYPSUM PRODUCTS INC. - Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP. - Type SUPREME Framing System

BUILDING PRODUCTS DIV. - Type SUPREME Framing System

QUAL RUL BUILDING MATERIALS INC. - Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO. - Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC. - Type SUPREME Framing System

1B. Framing Members* - Floor and Ceiling Runners - (Not shown) - In lieu of Item 1 - For use with Item 2B, proprietary channel shaped studs, 1-1/4 in. wide by min 3-5/8 in. deep, fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

CRACO MFG INC. - SmartrTrack200™, SmartrTrack20™

MARINOWARE DIV OF WARE INDUSTRIES INC. - Viper200™, Track Viper20™

1C. Floor and Ceiling Runners - (Not shown) - For use with Item 2C, Channel shaped, fabricated from min 20 MSG corrosionprotected galv steel, min depth to accommodate stud size, with min 1 in. long Type S steel screws spaced 24 in. OC, along edges of board and 12in. OC.

2A. Wall Members* - Steel Studs - (Not shown) - In lieu of Item 1 - For use with Item 2B, proprietary channel shaped studs, 1-1/4 in. wide by min 3-5/8 in. deep, fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height.

2B. Framing Members* - Steel Studs - (Not shown) - In lieu of Item 1 - For use with Item 2B, proprietary channel shaped studs, 1-1/4 in. wide by min 3-5/8 in. deep, fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height.

ALSTEEL A GYPSUM PRODUCTS INC. - Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP. - Type SUPREME Framing System

BUILDING PRODUCTS DIV. - Type SUPREME Framing System

QUAL RUL BUILDING MATERIALS INC. - Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO. - Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC. - Type SUPREME Framing System

2B. Framing Members* - Steel Studs - (Not shown) - In lieu of Item 1 - For use with Item 1B, proprietary channel shaped studs, 1-1/4 in. wide by min 3-5/8 in. deep, fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height.

CRACO MFG INC. - SmartrTrack200™, SmartrTrack20™

MARINOWARE DIV OF WARE INDUSTRIES INC. - Viper200™, Viper20™

2C. Steel Studs - (As an alternate to Item 2, For use with Item 4E) Channel shaped, fabricated from min 20 MSG corrosionprotected galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs/Runners attached to floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2D. Framing Members* - Steel Studs - (As an alternate to Item 2, For use with Item 10 and 4G only) Channel shaped studs, min 2-1/2 in. wide fabricated from 0.018 in. thick galv steel, spaced a max of 8 in. OC. Studs to be cut 1/2 in. less than assembly height.

CLARKWESTERN BUILDING SYSTEMS INC. - CW ProfTrack

DETROIT INDUSTRIES INC. - DETROIT PROFTRACK

DMFOWS, L.L.C. - ProfTrack

2E. Batts and Blankets* - (Optional) - Mineral wool or glass fiber batts partially or completely filling stud cavity.

See Batts and Blankets (B22) category for names of manufacturers.

3. Fiber Spray* - (As an alternate to Batts and Blankets (Item 3) - Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Normal dry density of 3.0 lbs/cu ft. Alternate application method: The fiber is applied with U.S. Gypsum's L.C. Type 40T10 not net adhesive at a normal rate of one part adhesive to 10 parts fiber to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Normal dry density of 3.5 lbs/cu ft.

U.S. GREENFIBER L.L.C. - Cocoon2 Stabilized or Cocoon-FRM (Fire Retardant Material)

3B. Fiber Spray* - (As an alternate to Batts and Blankets (Item 3) and Item 3A - Spray applied cellulose insulation material. The fiber is applied with water to inferior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic foot.

NU-WOOL CO INC. - Cellulose Insulation

3C. Fiber Spray* - (As an alternate to Batts and Blankets (Item 3) and Item 3A - Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 3.0 lbs/cu ft.

INTERNATIONAL CELLULOSE CORP. - Celul-Fiber

4. Gypsum Board* - 5/8 in. thick, wet saw, attached to steel studs with floor and ceiling tracks with 1 in. long Type S steel screws spaced 24 in. OC, along edges of board and 12in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to Item 1 (resilient channels) OR (Furring channels), gypsum board is some attached to furring channels with 1 in. long Type S steel screws spaced 12 in. OC.

AMERICAN GYPSUM CO. - Types AR, C, AR-4, C-40A

BEUNG NEW BUILDING MATERIALS PUBLIC LTD CO. - Type DBK-1

UNITED STATES GYPSUM COMPANY - Types AR, C, P-AR, P-X1, P-X2, P-X3, P-X4, P-X5, P-X6, P-X7, P-X8, P-X9, P-X10, P-X11, P-X12, P-X13, P-X14, P-X15, P-X16, P-X17, P-X18, P-X19, P-X20, P-X21, P-X22, P-X23, P-X24, P-X25, P-X26, P-X27, P-X28, P-X29, P-X30, P-X31, P-X32, P-X33, P-X34, P-X35, P-X36, P-X37, P-X38, P-X39, P-X40, P-X41, P-X42, P-X43, P-X44, P-X45, P-X46, P-X47, P-X48, P-X49, P-X50, P-X51, P-X52, P-X53, P-X54, P-X55, P-X56, P-X57, P-X58, P-X59, P-X60, P-X61, P-X62, P-X63, P-X64, P-X65, P-X66, P-X67, P-X68, P-X69, P-X70, P-X71, P-X72, P-X73, P-X74, P-X75, P-X76, P-X77, P-X78, P-X79, P-X80, P-X81, P-X82, P-X83, P-X84, P-X85, P-X86, P-X87, P-X88, P-X89, P-X90, P-X91, P-X92, P-X93, P-X94, P-X95, P-X96, P-X97, P-X98, P-X99, P-X100, P-X101, P-X102, P-X103, P-X104, P-X105, P-X106, P-X107, P-X108, P-X109, P-X110, P-X111, P-X112, P-X113, P-X114, P-X115, P-X116, P-X117, P-X118, P-X119, P-X120, P-X121, P-X122, P-X123, P-X124, P-X125, P-X126, P-X127, P-X128, P-X129, P-X130, P-X131, P-X132, P-X133, P-X134, P-X135, P-X136, P-X137, P-X138, P-X139, P-X140, P-X141, P-X142, P-X143, P-X144, P-X145, P-X146, P-X147, P-X148, P-X149, P-X150, P-X151, P-X152, P-X153, P-X154, P-X155, P-X156, P-X157, P-X158, P-X159, P-X160, P-X161, P-X162, P-X163, P-X164, P-X165, P-X166, P-X167, P-X168, P-X169, P-X170, P-X171, P-X172, P-X173, P-X174, P-X175, P-X176, P-X177, P-X178, P-X179, P-X180, P-X181, P-X182, P-X183, P-X184, P-X185, P-X186, P-X187, P-X188, P-X189, P-X190, P-X191, P-X192, P-X193, P-X194, P-X195, P-X196, P-X197, P-X198, P-X199, P-X200, P-X201, P-X202, P-X203, P-X204, P-X205, P-X206, P-X207, P-X208, P-X209, P-X210, P-X211, P-X212, P-X213, P-X214, P-X215, P-X216, P-X217, P-X218, P-X219, P-X220, P-X221, P-X222, P-X223, P-X224, P-X225, P-X226, P-X227, P-X228, P-X229, P-X230, P-X231, P-X232, P-X233, P-X234, P-X235, P-X236, P-X237, P-X238, P-X239, P-X240, P-X241, P-X242, P-X243, P-X244, P-X245, P-X246, P-X247, P-X248, P-X249, P-X250, P-X251, P-X252, P-X253, P-X254, P-X255, P-X256, P-X257, 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