UL Product iQ™

BXUV.U912

PANEL REY®
Drywall Solutions

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

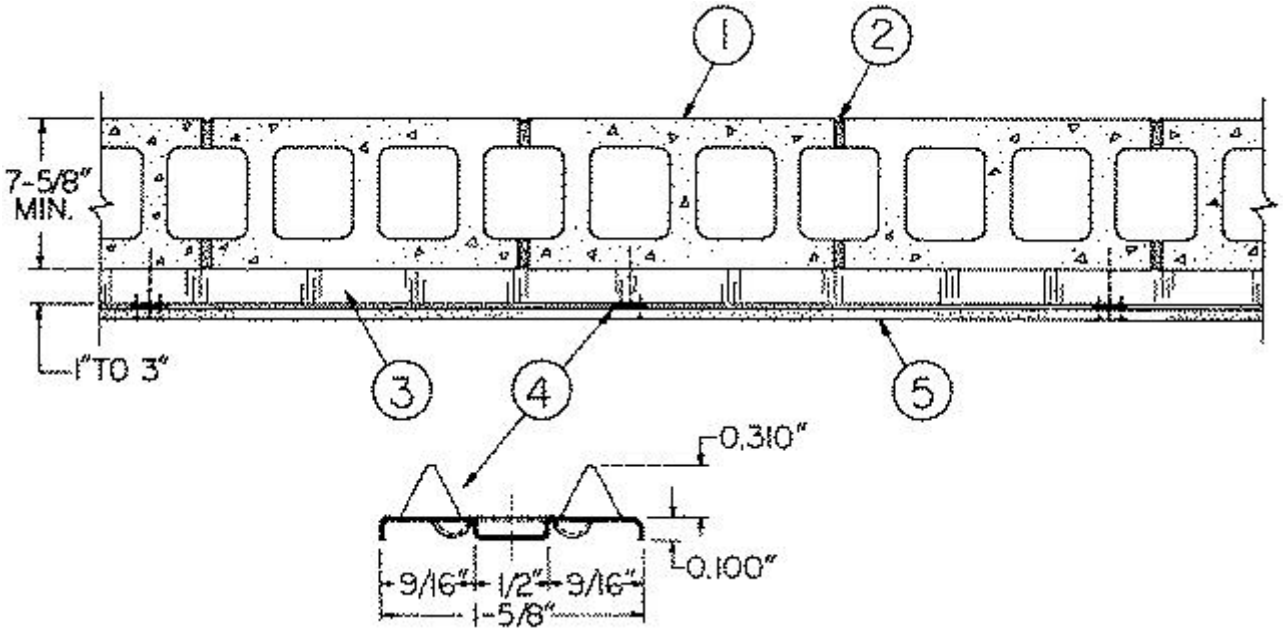
See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U912

Bearing Wall Rating — 3 HR.
Nonbearing Wall Rating — 3 HR.
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Concrete Blocks —** Various designs Classification D-2 (2 h). See Concrete Blocks category for list of eligible manufacturers.

2. **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 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.

3. **Foamed Plastic* —** For use between Items 1 and 5. Rigid foamed plastic insulation, 1 to 4 in. thick.
OC CELFORTEC LP

OWENS CORNING SCIENCE AND TECHNOLOGY, LLC — Type 150 or Type 250.

RMAX, A BUSINESS UNIT OF SIKA CORPORATION — Types "TSX-8500", "ECOMAXci FR", "TSX-8510", "ECOMAX xi FR White", "ECOMAXci", "ECOMAXci FR Air Barrier", "Thermasheath-XP", "Thermasheath", "Durasheath", "Thermasheath-3", "Durasheath-3".

DUPONT DE NEMOURS, INC. — Type Styrofoam

3A. **Insulation* —** (Not shown - Used in lieu of item 3) - Mineral wool insulation boards, 3 in thick.
THERMAFIBER INC — Types RainBarrier 45, RainBarrier HD, RainBarrier ci High Compressive, Rain Barrier ci High Compressive Plus, RainBarrier ci High Compressive Max

3B. **Insulation — Mineral and Fiber Boards * —** (Not shown - Used in lieu of item 3) - Mineral wool insulation boards, 3 in thick.
ROCKWOOL — Type Comfortboard

4. **Furring Strip —** Min 0.020 in. thick (26 gauge) galv steel, 1-5/8 in. wide, 0.1 in. deep spaced 24 in. OC. Fastened to concrete blocks (Item 1) through foamed plastic (Item 3) using any steel screws penetrating concrete blocks (Item 1) min of 1 in. and spaced 16 in. OC.

5. **Gypsum Board* —** Min 1/2 in. thick wallboard with beveled, square or tapered edges. One layer of wallboard to be used. Applied vertically with joint centered over furring strips (Item 4). Fastened to strips with 1-1/4 in. long, Type S, self-tapping, self-drilling, wallboard screws spaced 8 in. OC at the joints, 12 in. OC in the field and penetrating furring strip.
AMERICAN GYPSUM CO — Types AG-C.

CABOT MANUFACTURING ULC — Type C.

CERTAINTEED GYPSUM INC — Type C.

CGC INC — Types C, IP-X2.

CERTAINTEED GYPSUM INC — Type LGFC-C/A.

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C.

NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-C, FSMR-C.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C.

THAI GYPSUM PRODUCTS PCL — Type C.

UNITED STATES GYPSUM CO — Types C, IP-X2.

USG BORAL DRYWALL SFZ LLC — Type C

USG MEXICO S A DE C V — Types C, IP-X2.

5A. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick. Installed as described in Item 5.
NATIONAL GYPSUM CO — Type FSMR-C.

UNITED STATES GYPSUM CO — Type ULIX

6. **Joint Tape and Compound (not shown) —** Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads. Paper tape, 2 in. wide, embedded in first layer of compound over all joints.

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