

BXUVC.U301 - Fire-resistance Ratings

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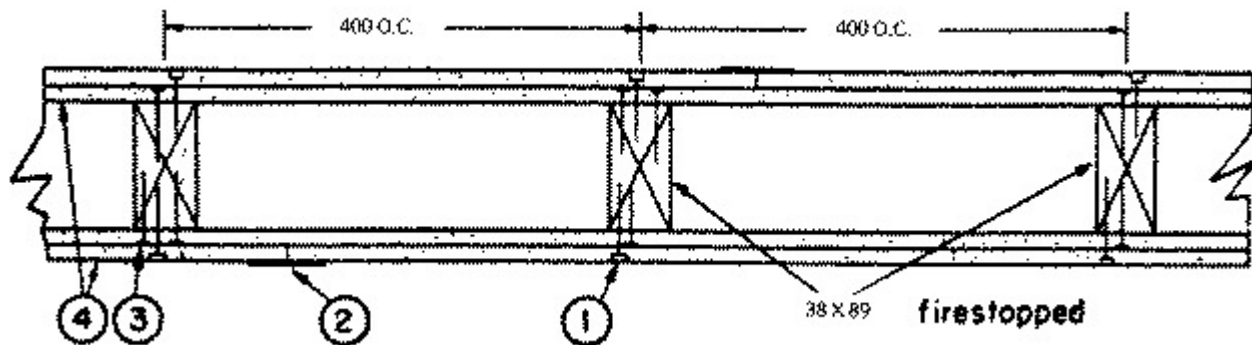
See General Information for Fire-resistance Ratings

Design No. U301

February 12, 2019

Assembly Rating - 2 h

Load Restricted — Assembly evaluated in accordance with Working Stress Design methods, for use under Limit States Design methods; refer to information under Guide BXUVC.



Bearing Wall - Combustible Construction (Finish Rating - 66 minutes)

1. **Nailheads** — Exposed or covered with joint finisher.
2. **Joints** — Exposed or covered with tape and joint finisher.
3. **Nails** — 51 mm, cement-coated flathead.
4. **Gypsum Board** — (CKNXC). 15.9 mm thick applied in two layers. Base layer placed vertically with joints butted over studs and nailed to studs 150 mm OC.
Face layer applied horizontally with joint finisher cement and nailed 300 mm OC temporarily to base layer until cement sets. All joints in face layers staggered with joints in base layers and with joints on opposite sides.

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

UNITED STATES GYPSUM CO — Types SCX, SGX, AR, WRX, IP-X1, IP-AR, SHX, C, IP-X2, WRC, ULX

GEORGIA-PACIFIC GYPSUM L L C — Types 9, X, DGG, DS, GuardGF-2, C, TR-AR, GF-6, DAP

NATIONAL GYPSUM CO — Types FSW, FSW-3

OR

4A. **Gypsum Board** — (CKNXC). 15.9 mm thick two layers applied either horizontally or vertically. All joints in face layers are

staggered with joints in base layers. Base and face layers attached to studs with 51mm cement-coated flathead nails. When attached horizontally, nails begin at 25mm away from joints. Second spacing is 200mm. Subsequent spacings are maximum 400mm OC in the field. When attached vertically, nails spaced at maximum 400mm OC in the field.

CGC INC — SCX, USGX

UNITED STATES GYPSUM CO — SCX, USGX

OR

4B. **Wall and Partition Facings and Accessories** — (CLBVC) Nominal 15.9 mm. thick, two layers applied vertically, and secured as described in Item 4.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — QuietRock 527

OR

4C. **Gypsum Wallboard** — (CKNXC) Nominal 15.9 mm. thick, two layers applied vertically, and secured as described in Item 4.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — QuietRock ES

Last Updated on 2019-02-12

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