

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

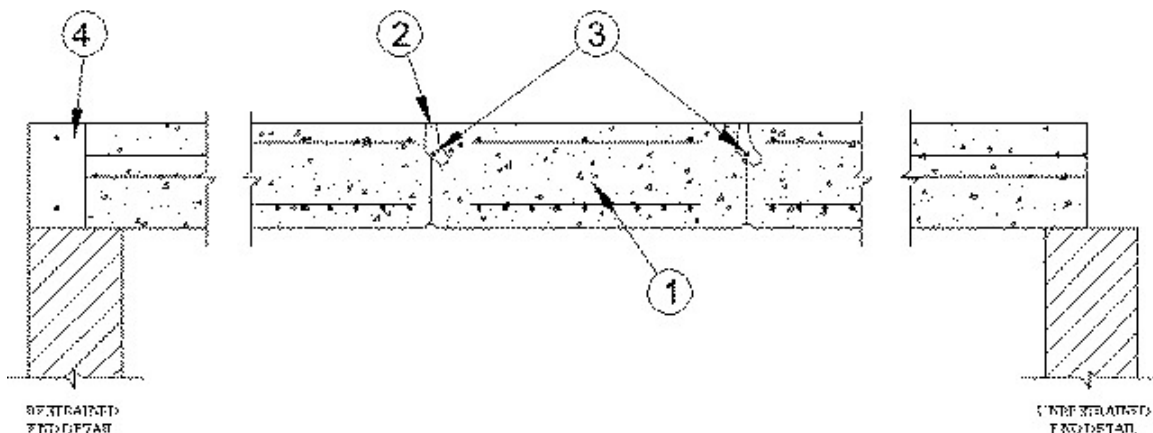
Design No. K909

November 10, 2023

Restrained Assembly Rating — 4 Hr
Unrestrained Assembly Rating — 4 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. Precast Autoclaved Aerated Concrete — Nom 4 to 12 in. thick, 2 ft wide floor panels with cross section similar to above illustration. Nom 4 in. thick slab can be used only for 1 hr restrained and unrestrained ratings. Panels to have a min 3 in. bearing.

AERCON FLORIDA L L C — Types AC-3.3, AC-4, AC-4.4, AC-6, AC-6.6

LITECRETE, S.A. DE C.V. — Types AAC-3, -4, -6 slab panels

2. **Joint** — Grouted full length with normal weight concrete.

3. **Reinforcing Steel** — No. 3 min rebar used to reinforce normal weight concrete at the joints. Rebar to be provided with a hook at each end.

4. **Ring Beam** — Used to restrain panels. Normal weight concrete with compressive strength of 3000 psi reinforced with two No. 4 rebar attached to the hook of the joint reinforcing steel (Item 3) and placed at approximate 1/4 and 3/4 depth of the beam.

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Last Updated on 2023-11-10

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