UL Product iQ™

BXUV.J801 - FIRE-RESISTANCE RATINGS - ANSI/UL 263

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. J801

May 07, 2018

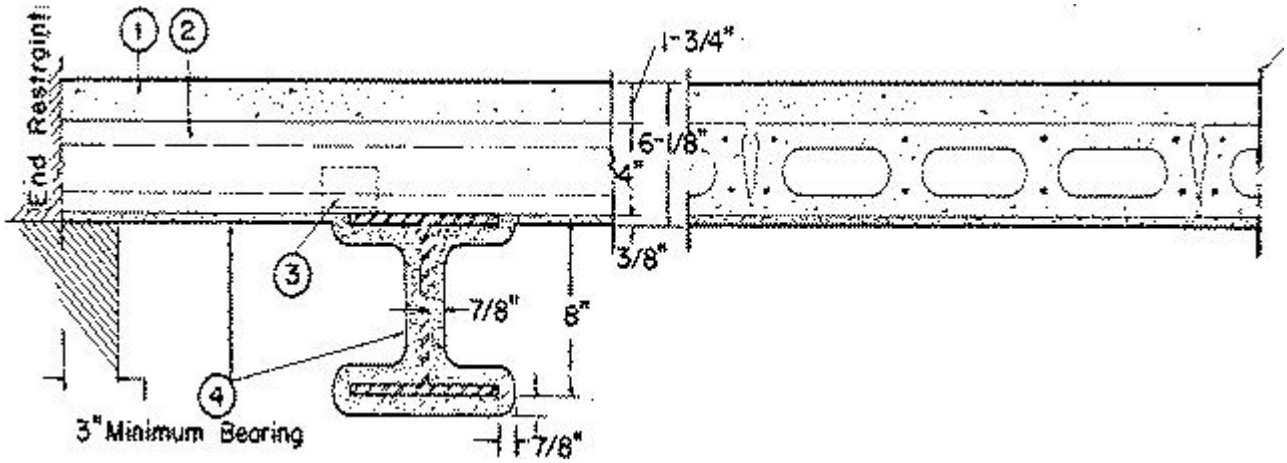
Restrained Assembly Rating — 2 Hr.

Unrestrained Assembly Rating — 1-1/2 Hr.

Unrestrained Beam Rating — 1-1/2 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.**



Beam — W8X31, min size.

1. **Concrete Topping —** Lightweight aggregate, 112 (+or-)3 pcf unit weight, 5000 psi compressive strength. Topping is not considered as a structural element of the assembly for design purposes.

2. **Precast Concrete Units* —** Concrete units to be continuous over two or more spans and the ends are restrained. Every third unit welded to the supporting steel by means of weld plates incorporated in the slabs.
FLEXICORE SYSTEMS INC

3. **Weld Plate —** 2 by 2 by 1/4 in. thick angles, 3 in. long.

4. **Spray-Applied Fire Resistive Materials* —** Applied by spraying with water in one or more coats to thicknesses shown in above illustration, to concrete and steel surfaces which are free of dirt, oil and scale. Use of adhesive is optional. Min density is 11 pcf for Types II, II HS, or DC/F. Min avg and min ind densities of 22 and 19 pcf, respectively, for Type HP. Tamping is optional. For method of density determination, refer to the Design Information Section.
ISOLATEK INTERNATIONAL — Type D-C/F, II, II HS, or HP, Type EBS or Type X adhesive/sealer optional.

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Last Updated on 2018-05-07