

# BXUV.U804 - 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. U804**

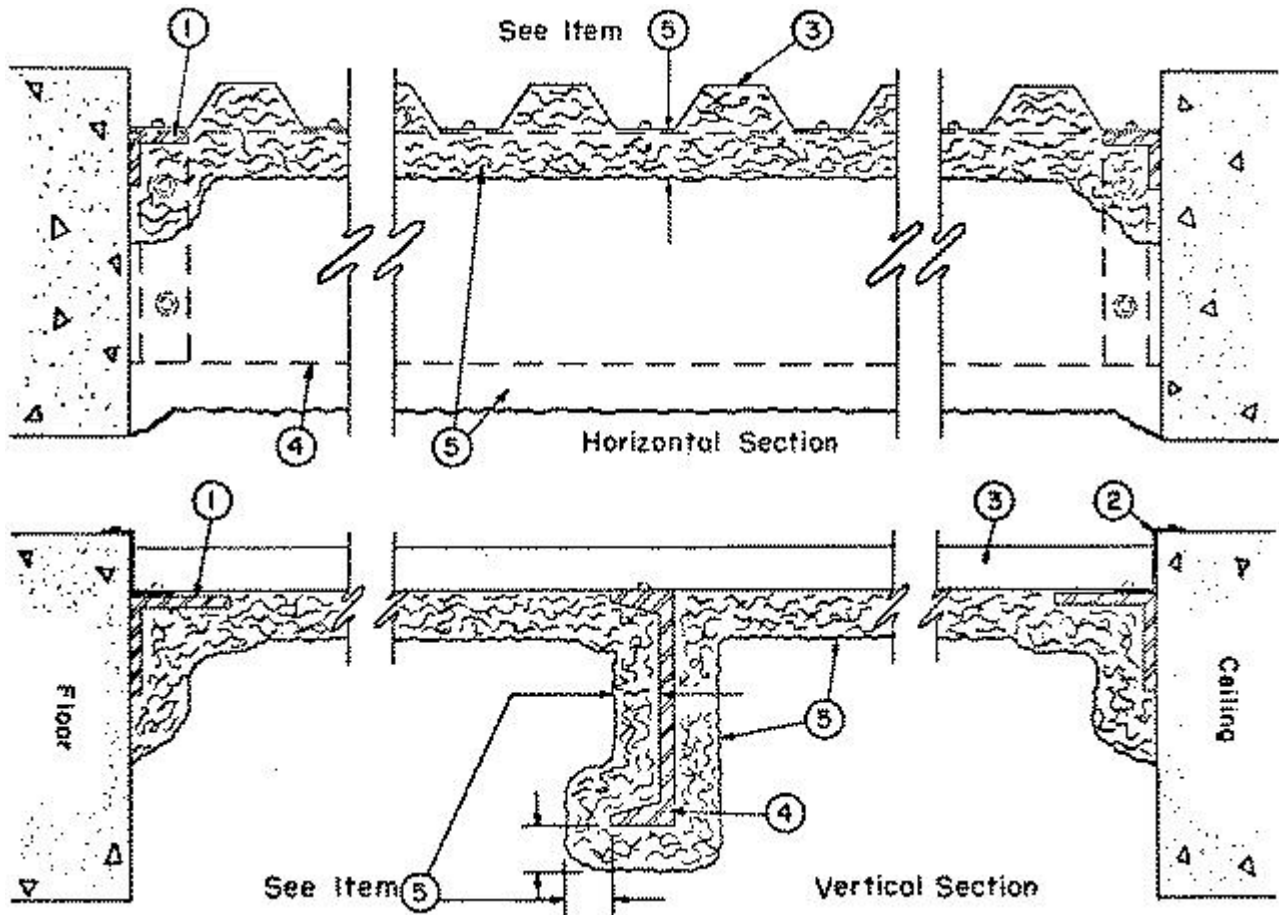
May 08, 2018

### **(Exposed To Fire On Spray-Applied Fire Resistive Material Face Only)**

### **Nonbearing Wall Ratings — 1, 1-1/2, 2, 3 or 4 Hr**

### **(See Item 5)**

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



1. **Supporting Angles** — 3-3/8 by 3-3/8 by 1/4 in. steel angles placed along top and bottom of wall, attached to masonry with 1/4 in. diam. by 1-1/2 in. long nailable fasteners with lead plugs spaced 24 in. OC; 2 by 2 by 3/16 in. steel angles placed along sides of assembly, attached to masonry with 5/16 in. diam. by 2-1/2 in. long steel lag bolts with steel expansion shields spaced 5 ft OC.

2. **Flashing Angles** — Min. No. 24 GSG galv steel formed into a Z profile with 1 and 1-1/2 in. legs and 2 in. web, located along top and bottom of wall, 1-1/2 in. leg attached to facing units. Angles attached to masonry with 1/4 in. diameter by 1-1/2 in. long nailable fastener with lead plugs spaced 40 in. OC.

3. **Facing Units\*** — Steel facing units min. No. 24 GSG galv steel, min 1-1/2 in. deep, supplied in min. 24 in. widths, Classified by UL ("Wall and Partition Facings and Accessories" - CLBV). Attached to support angles and reinforcing channel through flashing angles with 1/4 in. diam. by 3/4 in. long hex head self-tapping steel screws located in every flute in the horizontal direction and spaced approx. 20 in. OC at sides and lap joints.

**CENTRIA, A DIVISION OF NCI GROUP, INC** — Type "Huski-Rib Sheet."

3A. **Alternate Facing Units\*** — Steel facing units min. No. 26 GSG galv steel., min 1 1/2 in. deep with max. 3 in. wide flutes, supplied in widths, Classified by UL ("Wall and Partition Facings and Accessories - CLBV"). Attached to support angles and reinforcing channel through flashing angles with 1/4 in. diam. by 3/4 in. long hex head self-tapping steel screws located in every flute in the horizontal direction and spaced approx. 20 in. O.C. at sides and lap joints.

4. **Reinforcing Channel** — C8 x 11.5 cold-rolled steel channel spaced 5 ft O.C. attached to 2 by 2 by 3/16 in. steel angle with two 1/4 in. diam. by 11/2 in. long bolts and nuts at each end. The angles were attached to side of masonry by two 5/16 in. diam. by 2 1/2 in. long steel lag bolts with steel expansion shields at each end.

5. **Spray-Applied Fire Resistive Materials** . — Apply by spraying with water into reinforcing channel and one side of the wall to final untamped thicknesses shown below. Surfaces are to be free of dirt, oil and scale. Use of adhesive is required. Tamping is optional. Min avg density of 13 pcf with min ind density of 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. For Method of density determination, refer to general information section.

Classification	Mtl Thkns In.	
Hr	Facing Unit	Reinforcing Channel
_____	_____	_____

1	2	1
1-1/2	2-3/16	1-1/2
2	3-3/16	1-15/16
3	3-13/16	2-1/4
4	4-7/16	2-9/16

**ISOLATEK INTERNATIONAL** — Type D-C/F, HP, Type II, or Type II HS, Type EBS adhesive/sealer.

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Last Updated on 2018-05-08

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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