

BXUV.Y641 - 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
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[See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances](#)

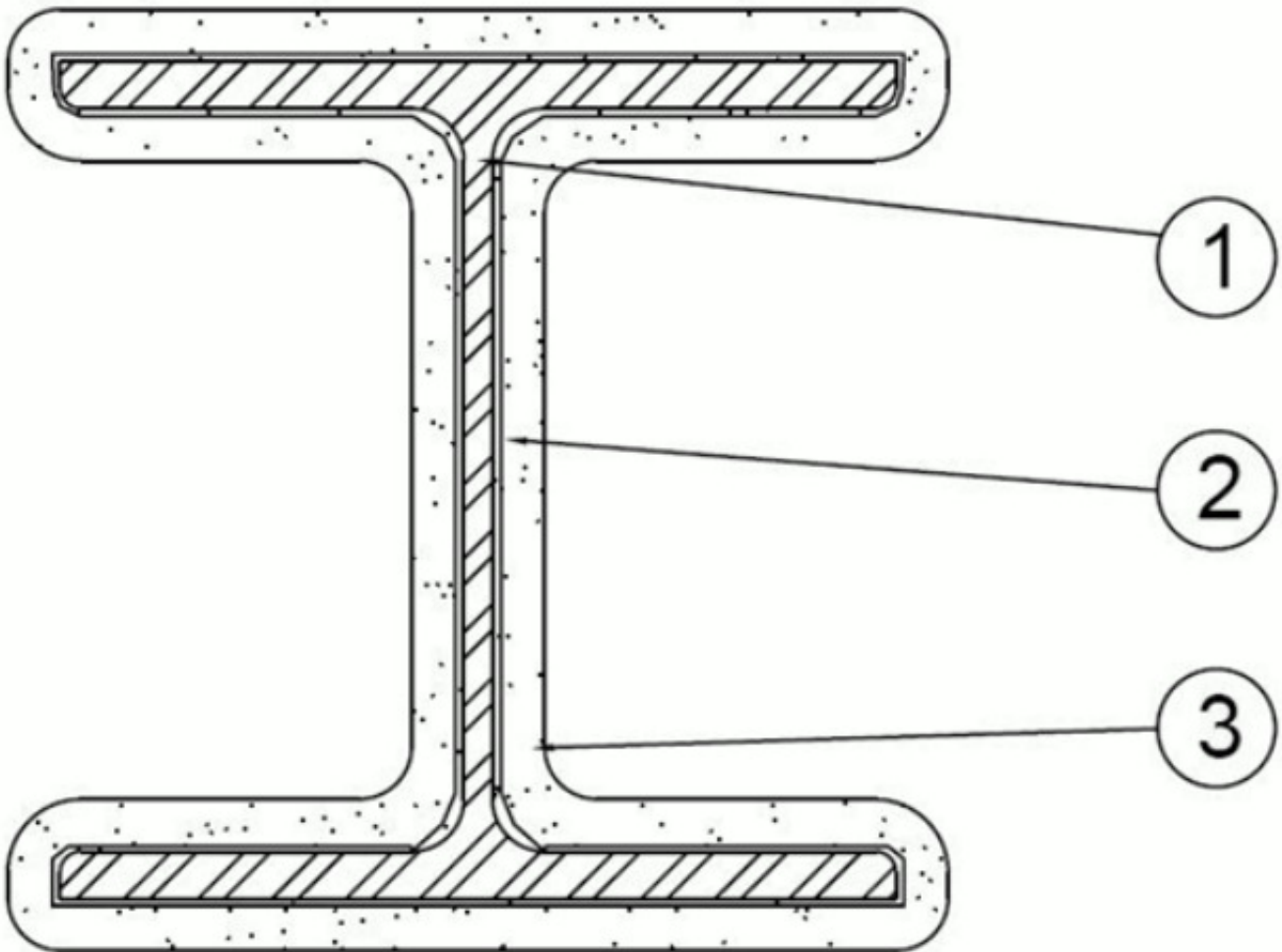
[See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances](#)

Design No. Y641

January 08, 2020

Ratings — 1, 1-1/2, and 2 Hr. (See Item 3)

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



1. **Steel Column** — Min. W6x16 wide flange steel column. Columns shall be free of dirt, loose scale and oil.
2. **Primer Coating** — Approx. dry film thickness of 2 mil thickness of Sherwin Williams type Kem Bond HS primer.
3. **Mastic and Intumescent Coatings*** — One component spray material applied in one or more coats as described in the application instructions to the thicknesses shown below. Thicknesses below include the 2 mil of primer.

Minimum Required Thickness (mil) for Hourly Rating Period (min)

W/D	HP/A	60	90	120
0.58	231	110	202	322
0.63	213	110	195	310
0.68	197	110	189	297
0.73	184	76	182	285
0.78	172	74	175	272
0.83	161	72	169	260
0.88	152	70	162	248
0.93	144	69	155	235

0.98	137	67	149	223
1.00	134	66	146	218
1.03	130	65	144	215
1.08	124	65	142	211
1.13	119	64	139	207
1.18	114	63	136	202
1.23	109	62	133	198
1.28	105	61	131	194
1.33	101	60	128	189
1.38	97	59	125	185
1.43	94	58	123	181
1.48	91	57	120	176
1.53	88	57	117	172
1.58	85	56	114	168
1.63	82	55	112	163
1.68	80	54	109	159
1.73	77	53	106	155
1.78	75	52	103	150
1.83	73	51	101	146
1.88	71	50	98	142
1.93	69	49	95	137
1.98	68	49	92	133
2.03	66	48	90	129
2.08	64	47	87	124
2.13	63	46	84	120
2.18	61	45	82	116
2.23	60	44	79	111
2.28	59	43	76	107
2.33	58	42	73	103

2.38	56	41	71	98
2.43	55	41	68	94
2.48	54	40	65	89
2.52	53	39	63	86

INTERNATIONAL COATINGS GROUP INC — Type FBL-200. Investigated for Conditioned Interior Space Purpose and Interior General Purpose Use.

4. **Topcoat** — (Not Shown) — Sherwin Williams type DTM acrylic top coat applied at a minimum thickness of 6 mil over the intumescent material.

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Last Updated on 2020-01-08

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