
BYBU.XR625

Fire Resistance Ratings - ANSI/UL 1709

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Design No. XR625

December 07, 2004

Ratings - 1/2, 3/4, 1, 1-1/2, 2, 2-1/2, 3, 3-1/2 Hr. (See Item 3)

1. **Steel Column** — Min. size W10X49. The column surfaces shall be free of dirt, loose scale and oil then primed with epoxy based primers to an approximate dry film thickness of 2 mils.
2. **Flange Edge Reinforcement** — Carbon fiberglass mesh Type HK-1 applied over the flange tips at approximately mid-depth of the total thickness of mastic coating.
3. **Mastic Coating** — Two component spray materials applied in one or more coats as described in the application instructions to the thicknesses shown below. Thicknesses below include the 2 mils of primer.

| Rating, Hr | Mtl Thkns, Microns With Mesh (Item 2) | Mtl Thkns, Microns Without Mesh (Item 2) |
|-------------------|--|---|
| 1/2 | — | 2740 |
| 3/4 | — | 4550 |
| 1 | — | 5780 |
| 1-1/2 | 8240 | — |
| 2 | 10700 | — |
| 2-1/2 | 13160 | — |
| 3 | 15620 | — |

| | | |
|-------|-------|---|
| 3-1/2 | 18080 | — |
|-------|-------|---|

INTERNATIONAL COATINGS LTD — Type Chartek 1709. Investigated for exterior use.

4. **Top Coat** — Two component polyurethane topcoat Type Interthane 990 applied at a dry film thickness of 50 microns.

*Bearing the UL Classification Mark

Last Updated on 2004-12-07

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