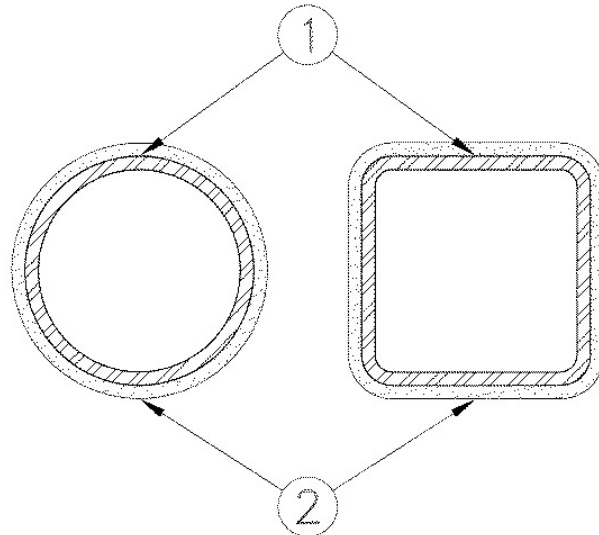


ULC Design No. Z630

January 30, 2007

Ratings - 3/4 and 1 h



1. **Steel Column** — Square, rectangular or circular HSS columns with minimum M/D as specified in Item 2. All columns should be free of dirt, loose scale and oily deposits.

2. **Thin-Film Intumescent Coatings** — CAVCC (Guide No. 40 U18.12.9). Intumescent coating designated "A/D FIREFILM-III", applied in accordance with manufacturer's instructions to the minimum dry film thicknesses shown below. Columns surfaces should be primed as per manufacturer's instructions.

A/D FIRE PROTECTION SYSTEMS INC

FOR SQUARE AND RECTANGULAR HSS COLUMNS

Column Size	Min Column, M/D	Required Min DryFilm Thickness, mm	
		3/4 h Rating	1 h Rating
HSS127 x 76 x 6.4	44	3.30	3.40

FOR CIRCULAR HSS COLUMNS

Column Size	Min Column, M/D	Required Min DryFilm Thickness, mm
		1 h Rating
HSS 219 dia x 6.4	48	3.44

M = Mass of column section, kg/m D = Heated perimeter of column section, m.

A/D FIRE PROTECTION SYSTEMS INC

3. **Finish Coating** — (not shown) - Silicone alkyd paint designated "A/D COLORCOAT".