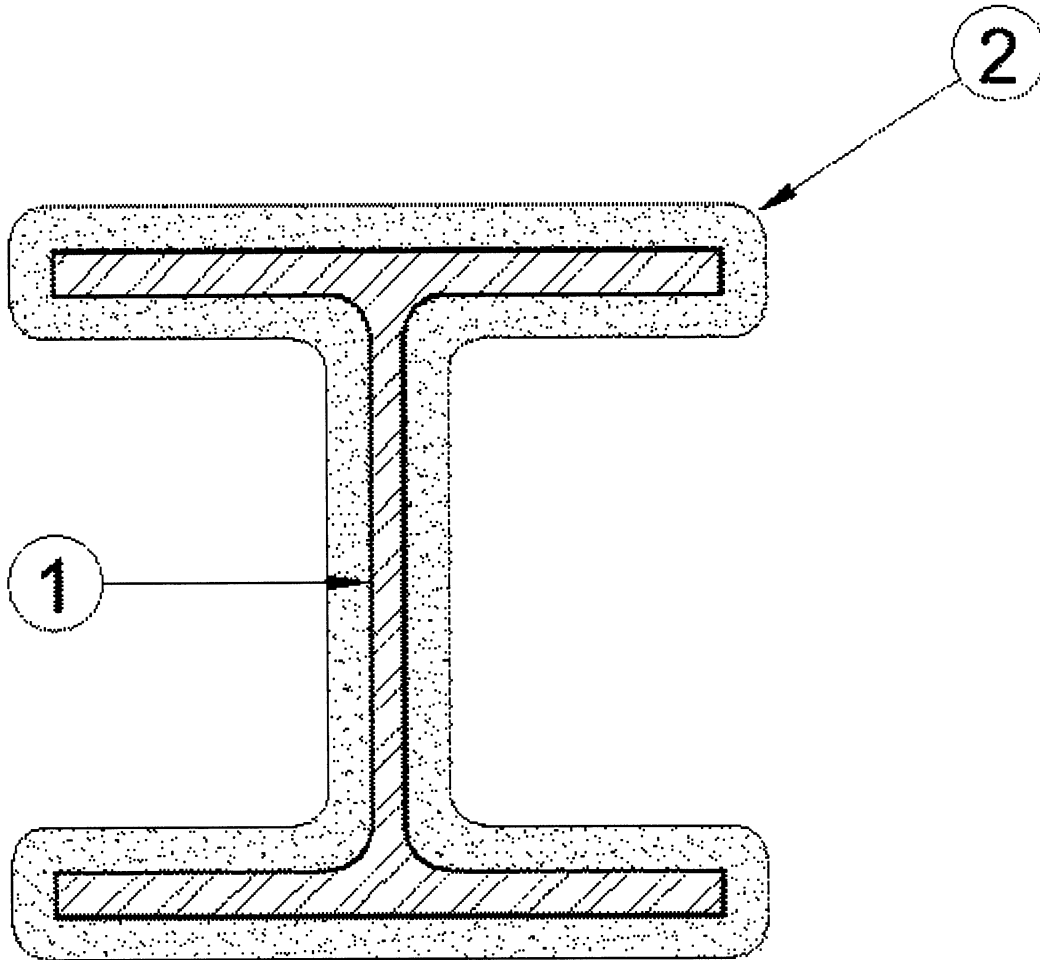


FM APPROVALS
Project ID: 3026158

Appendix A

¾ or 1 Hour Fire Resistant Column

COLUMN PROTECTION METHOD 6



FM APPROVALS
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Appendix A

¾ or 1 Hour Fire Resistant Column

COLUMN PROTECTION METHOD 6

1. Steel Column — Wide flange steel columns with the minimum sizes shown in the table below, or W-Shaped column with M/D as specified below. All columns should be free of dirt, loose scale and oily deposits.

2. Mastic Coating — Coating applied in accordance with manufacturer's instructions to the minimum dry film thicknesses shown below. Column surfaces should be primed as per manufacturer's instructions.

Ratings, hr	Min Column Size, in.	W-Shaped only Min Column W/D	Min Column Size, mm	Min M/D	Required Min Film Thickness, in. (mm)
3/4	W10x49	0.84	W250 x 73	49.0	0.042 (1.07)
1	W10x49	0.84	W250 x 73	49.0	0.045 (1.14)

M = Mass of column section, kg/m.

D = Heated perimeter of column section, m.

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A/D FIREFILM III.

3. Top Coat — (Not shown) — Finishing topcoat, (silicone alkyd paint) applied at an approximate 0.002 in. (0.05 mm) dry film thickness.

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