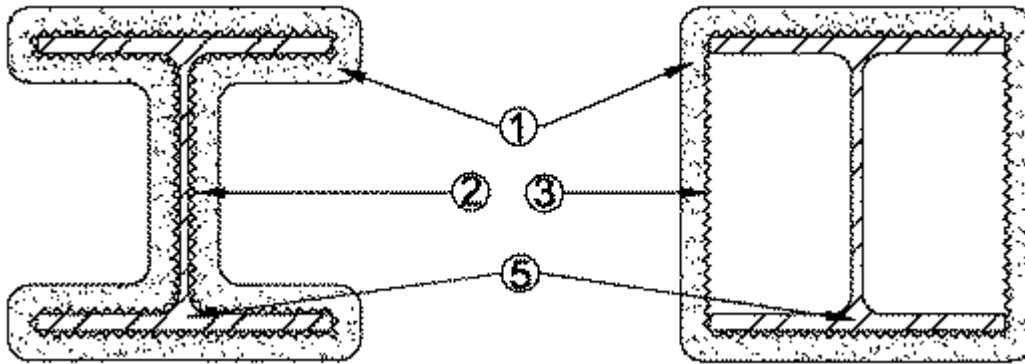


Design No. XR729

Ratings — 3/4, 1, 1-1/2, 2, 2-1/2, 3 or 4 Hr



1. **Spray-Applied Fire-Resistive Materials*** — See table below for appropriate thickness. Prepared by mixing with water according to instructions on each bag of mixture and spraying in one or more coats, as necessary, directly to the column or onto the metal lath surfaces, which must be clean and free of dirt, loose scale and oil. Min avg density of 44 pcf, with min individual value of 40 pcf for Type M-II. Min avg density of 44 pcf, with min individual value of 42 pcf for Type TG. For method of density determination, see Design Information Section, Sprayed Material

Rating, Hr	Min Thickness, in.	Min Thickness, mm	Min Thickness, in.	Min Thickness, In. mm
	Contour Application	Contour Application	Boxed Protection	Boxed Protection
3/4	11/16	17.5	11/16	17.5
1	13/16	20.7	13/16	20.7
1-1/2	1-1/16	27.0	15/16	23.9
2	1-1/4	31.8	15/16	23.9
2-1/2	1-7/16	36.6	1-3/16	30.2
3	1-9/16	39.7	1-7/16	36.6
4	1-7/8	47.6	1-7/8	47.6

BERLIN CO LTD —Type M-II or Type TG, investigated for exterior use.

ISOLATEK INTERNATIONAL —Type M-II or Type TG, investigated for exterior use.

NEWKEM PRODUCTS CORP —Type M-II or Type TG, investigated for exterior use.

2. **Metal Lath** — Galv. expanded steel lath, weighing 3.4 lb per sq yd may be used. Metal lath wrapped around the column profile and secured tight to column by gunned or stud welding pins. Lath lapped 1-1/2 to 3 inches and attached with fasteners at max 24 inches on center at overlaps.
3. **Metal Lath** — For boxed type protection. Min 3.4 lb per sq yd expanded steel. Lath lapped 1-1/2 to 3 inches at vertical joint on column flange and tied together with No. 18 SWG galv steel wire, spaced vertically 14 in. OC
4. **Corner Bead** — (Optional - Not Shown) — No. 25 MSG galv expanded steel corner bead with minimum 2-in legs. May be used in conjunction with column cage. When used, placed over each corner of column cage and attached to metal lath with tie wire spaced 18 in. O.C.
5. **Steel Column** — Min size of column W10x49.

*Bearing the UL Classification Mark