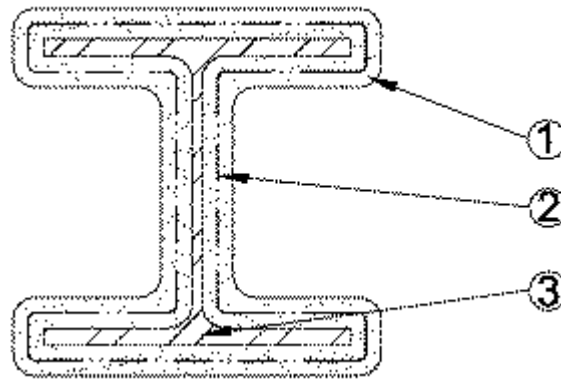


Design No. XR730
 Ratings — 3/4, 1, 1-1/2, 2, 2-1/2, 3 or 4 Hr



- 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, to the column surfaces, which must be clean and free of dirt, loose scale and oil. Application to follow the column profile. Min avg. density of 704 kg/m³ (44 pcf), with min ind. value of 640 kg/m³ (40 pcf) for Type M-II. Min avg. density of 704 kg/m³ (44 pcf), with min ind. value of 672 kg/m³ (42 pcf) for Type TG. For method of density determination, see Design Information Section, Sprayed Material.

Rating Hr	Minimum Thickness mm
3/4	17.5
1	20.7
1-1/2	27.0
2	32.5
2-1/2	36.8
3	41.2
4	50.0

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.

- Reinforced Mesh** — No. 20 SWG galv steel wire twisted to form 1 or 2 in. hexagons. Mesh attached with steel helical pins or straight pins with washers 16 in. on center to the center of the column flanges and webs prior to application of Spray-Applied Fire Resistive Material. Mesh wrapped around the column and embedded at approximate mid-depth in Spray-Applied Fire Resistive Materials with a min. 3 inch overlap at vertical and horizontal joints. When Type TG is used, mesh shall not be installed until approximate mid-depth has been applied.
 - Steel Column** — Min size of column W10x49.
- *Bearing the UL Classification Mark

ADHESIVES (BYWR)

USE

This category covers adhesives investigated for use in fire-resistance designs as detailed in Fire-resistance Ratings – ANSI/UL 263 (BXUV). The methods and rates of application are given in the design illustration and on the container in which the product is furnished.

PRODUCT IDENTITY

The following product identity appears on the product:
 Adhesive

RELATED PRODUCTS

For information on related products, see Fire-resistance Ratings – ANSI/UL 263 (BXUV).
 For information on surface-burning characteristics, see Adhesives (BJLZ).

ADDITIONAL INFORMATION

For additional information, see Fire-resistance Ratings (BXRH).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 263, "Fire Tests of Building Construction and Materials."

UL MARK

The Certification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The Certification Mark for these products includes the UL symbol, the words "CERTIFIED" and "SAFETY," the geographic identifier(s), and a file number.

Additional Certification Markings

Products covered under this category are additionally marked with the following information:

AS TO FIRE RESISTANCE
DESIGN NO(S). _____
SEE UL ONLINE CERTIFICATIONS DIRECTORY
 OR
AS TO FIRE RESISTANCE
SEE UL ONLINE CERTIFICATIONS DIRECTORY
Alternate UL Mark
UL MARK

The Classification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Classification and Follow-Up Service. The Classification Mark for these products includes the UL symbol, the word "CLASSIFIED" above the UL symbol (as illustrated in the Introduction of this Directory), and the following additional information: