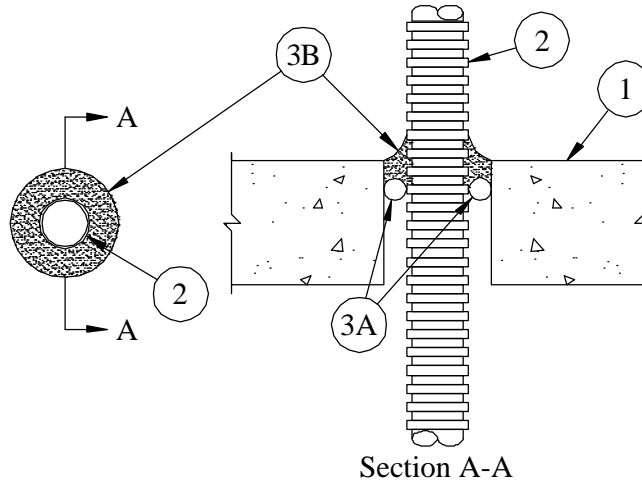


System No. C-AJ-2229

August 2008

F Ratings – 2 Hr

T Ratings – 1-1/2 & 1-3/4 Hr (See Item 2)
(UL/cUL)



- Floor or Wall Assembly** – Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Floor may also be constructed of any min 6 in. thick UL Classified hollow-core **Precast Concrete Units***. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 2 in.

See **Concrete Blocks (CAZT)** and **Precast Concrete Units (CFTV)** categories in the Fire Resistance Directory for names of manufacturers.
- Through Penetrants** – One nonmetallic tube to be installed either concentrically or eccentrically within the firestop system. The annular space shall be min 1/4 in. to max 7/16 in. Tube to be rigidly supported on both sides of wall assembly. The following types and sizes of nonmetallic tubes may be used:
 - Crosslinked Polyethylene (PEX) Tube** – Nom 3/4 in. diam (or smaller) SDR 9 PEX tubing for use in closed (process or supply) piping systems.
 - Electrical Nonmetallic Tubing+** – Nom 1 in. diam (or smaller) corrugated wall electrical nonmetallic tubing (ENT) constructed of polyvinyl chloride. ENT to be installed as a complete system with all terminations in junction boxes, outlet boxes or other approved enclosures as specified in the National Electric Code.

See **Electrical Nonmetallic Tubing (FKHU)** category in the Electrical Construction Materials Directory for names of manufacturers.

The hourly T Rating of the firestop system is dependent upon the type of tubing used. If PEX is used, the T Rating is 1-1/2 hr. If ENT is used, the T Rating is 1-3/4 hr.
- Firestop System** – The firestop system shall consist of the following:
 - Packing Material** – (Optional) – Foam backer rod firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall and hollow-core precast concrete units as required to accommodate the required thickness of fill material.
 - Fill, Void or Cavity Material* – Caulk** – Min 1/2 in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall and hollow-core precast concrete units. Additional fill material to be installed such that a min 1/4 in. crown is formed around the penetrating item.

TREMCO INC – TREMstop Intumescent Acrylic, Fyrecaulk, or TREMstop IA+

*Bearing the UL Classification Mark



Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc.
Copyright © 2008 Underwriters Laboratories Inc. ®

Tremco Commercial Sealants & Waterproofing

3735 Green Road, Beachwood, OH 44122 // Phone: 216.292.5000 // 800.321.7906
220 Wicksteed Avenue, Toronto, ON M4H 1G7 // Phone: 416.421.3300 // 800.363.3213
1451 Jacobson Avenue, Ashland OH 44805 // Phone: 419.289.2050 // 800.321.6357



Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc.
Copyright © 2008 Underwriters Laboratories Inc. ®