

XHEZ.C-AJ-0178 - Through-penetration Firestop Systems

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

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See General Information for Through-penetration Firestop Systems

System No. C-AJ-0178

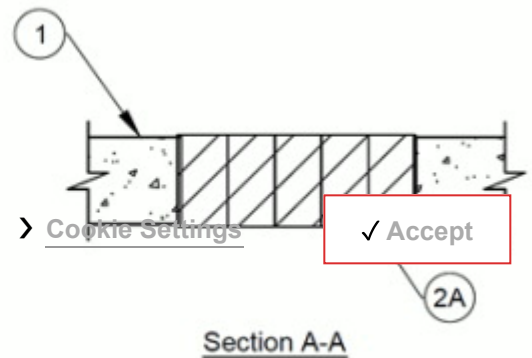
July 09, 2020

ANSI/UL1479 (ASTM E814)

F Rating — 2 Hr
T Rating — 2 Hr

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1. **Floor or Wall Assembly** — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max area of opening is 384 in.² (2477 cm²) with a max dimension of 32 in. (813 mm).

See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Firestop System** — The firestop system shall consist of the following:

A. **Fill, Void or Cavity Material*** — Blocks installed with 5 in. (127 mm) dimension projecting through opening flush with bottom surface of floor or centered in wall. Blocks to be firmly packed to fill the opening area.

TENMAT INC — Fire Protection Block FF260

B. **Fill, Void or Cavity Material*** — (Not shown) — Fill material to be forced between blocks and periphery of opening to the max extent possible on top surface of floor or both surfaces of wall.

TENMAT INC — Fire Protection Foam FF360, Fire Protection Sealant FF365

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2020-07-09

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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