

XHEZ.C-AJ-3088 - 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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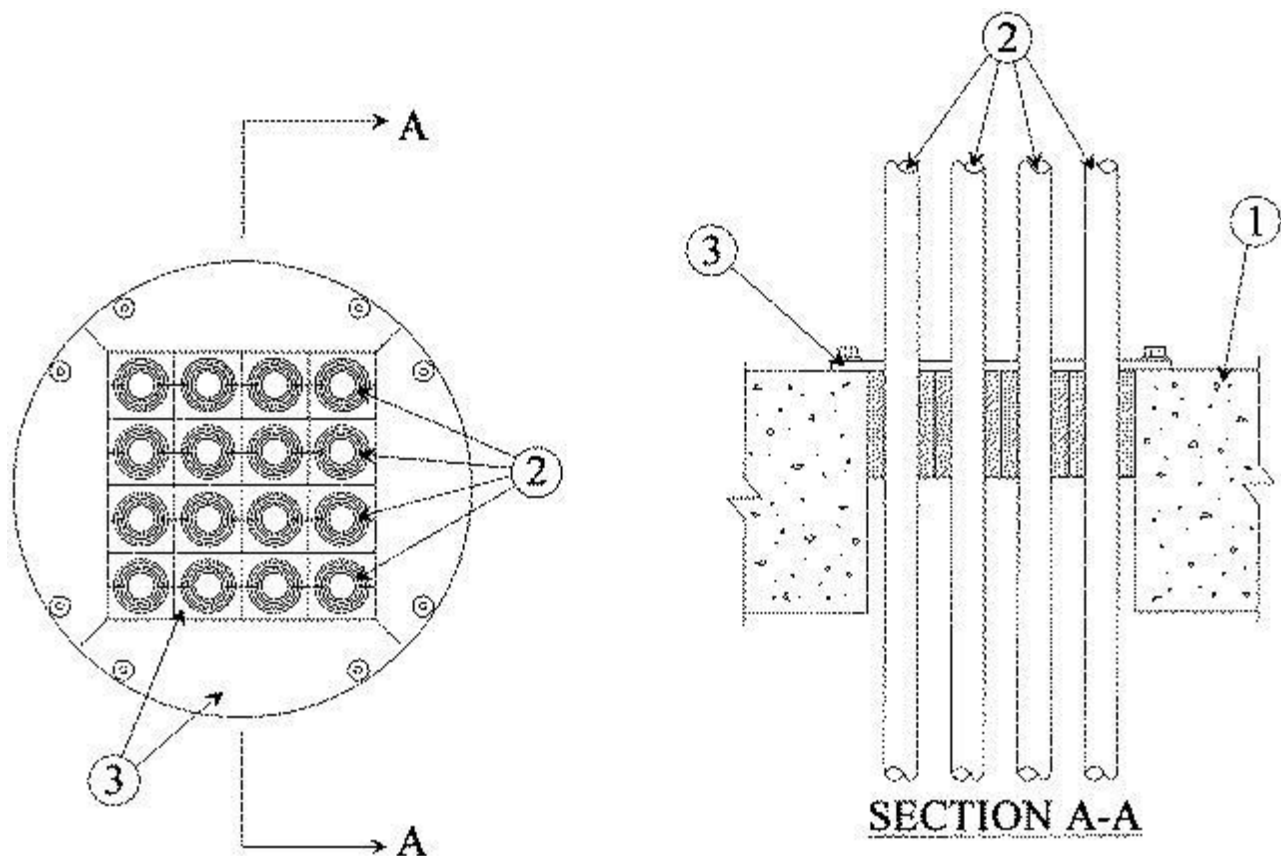
[See General Information for Through-penetration Firestop Systems](#)

System No. C-AJ-3088

December 05, 1996

F Rating — 2 Hr

T Rating — 1/2 Hr



1. **Floor or Wall Assembly** — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 8 in. See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Cables** — Max 3/C with Ground — No. 6 AWG (or smaller) cable with cross-linked polyethylene insulation and PVC jacket. Max aggregate cross-sectional area of cables within the firestop device is to be 28.1 percent. Cables to be rigidly supported on both sides of floor or wall assembly.

3. **Firestop Device*** — Circular firestop device for use in pre-drilled or preformed openings. Device is intended to be friction fitted into openings in accordance with the accompanying installation instructions. Device to be inserted from top of floor assembly or from both sides of wall assembly. Each device consists of an elastomeric insert, steel compression plate and insert modules halves with removable elastomeric sheets. The sheets of the modules halves are removed one by one until a gap of 0 to 1 mm is formed between the two module halves. After installation of the modules into the device, the nuts of the compression plate are tightened to form an effective seal around the cables.

NMP CORP — ROX R-100, ROX R-127, ROX R-150 or ROX R-200

ROXTEC INTERNATIONAL AB — ROX R-100, ROX R-127, ROX R-150 or ROX R-200

*** 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 1996-12-05

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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