



XHEZ.C-AJ-1218 Through-Penetration Firestop Systems

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Through-Penetration Firestop Systems

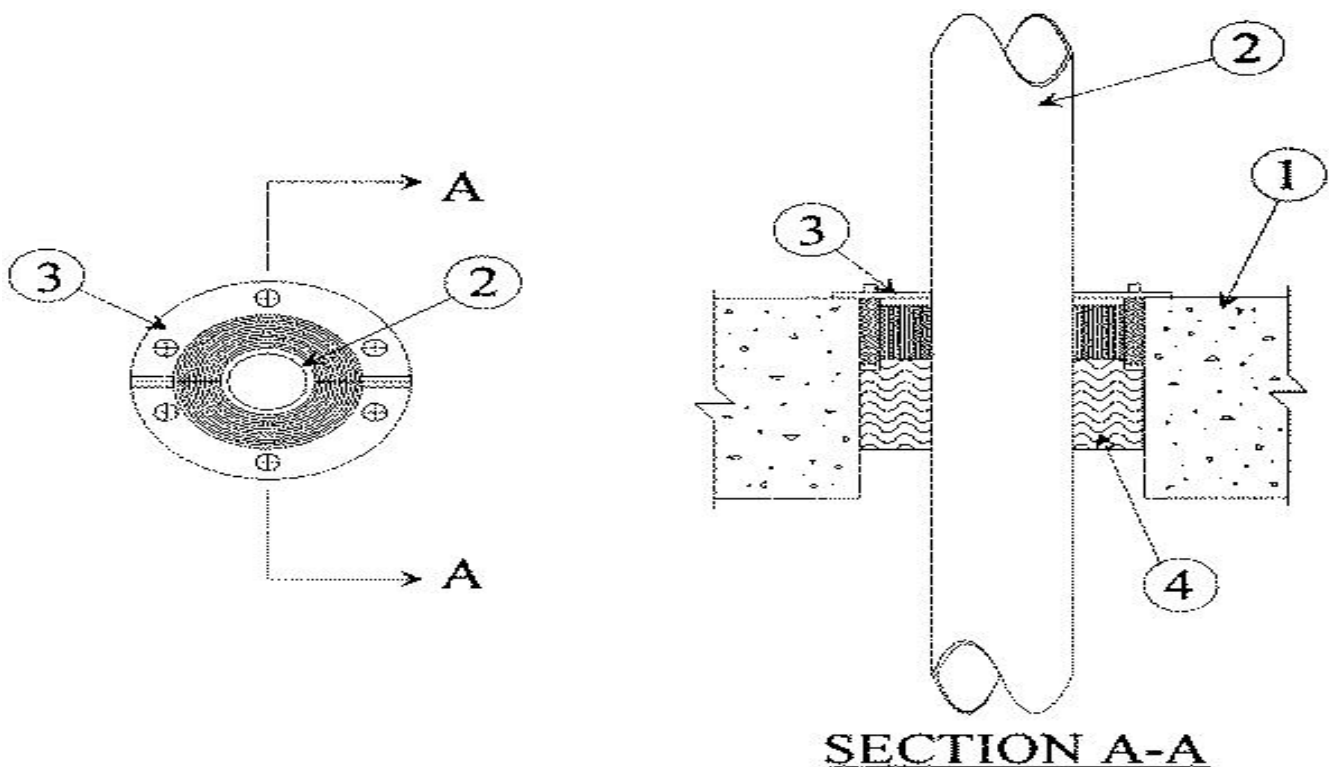
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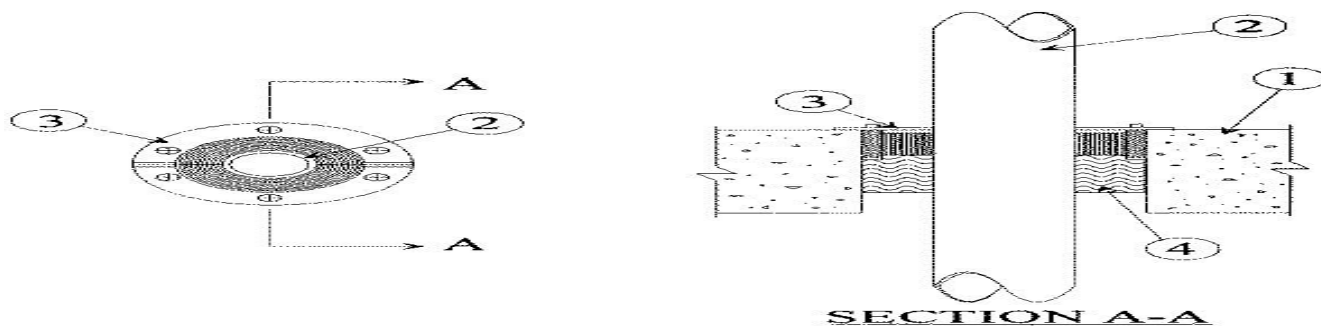
System No. C-AJ-1218

December 05, 1996

F Rating — 3 Hr

T Rating — 0 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 4 in.

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

2. **Through Penetrants** One metallic pipe or conduit to be centered within the firestop system. Pipe or conduit to be rigidly supported on each side of floor or wall assembly. The following types and sizes of metallic pipes or conduits may be used:

A. **Steel Pipe** Nom 2 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. **Conduit** Nom 2 in. diam (or smaller) steel electrical metallic tubing or steel conduit.

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 circular elastomeric inserts, removable elastomeric sheets formed into a semi-circle and steel compression plates. The elastomeric sheets of the device are removed one by one until a tight fit is present around the through penetrant. After installation of the device into the opening, the bolts of the compression plate are tightened to form an effective seal around the penetrating item.

NMP CORP — ROX RS-50, ROX RS-68, ROX RS-75 or ROX RS-100

ROXTEC INTERNATIONAL AB — ROX RS-50, ROX RS-68, ROX RS-75 or ROX RS-100

4. **Packing Material** Min 2 in. thickness of min 6.0 pcf ceramic fiber insulation firmly packed into opening.

*Bearing the UL Classification Marking

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