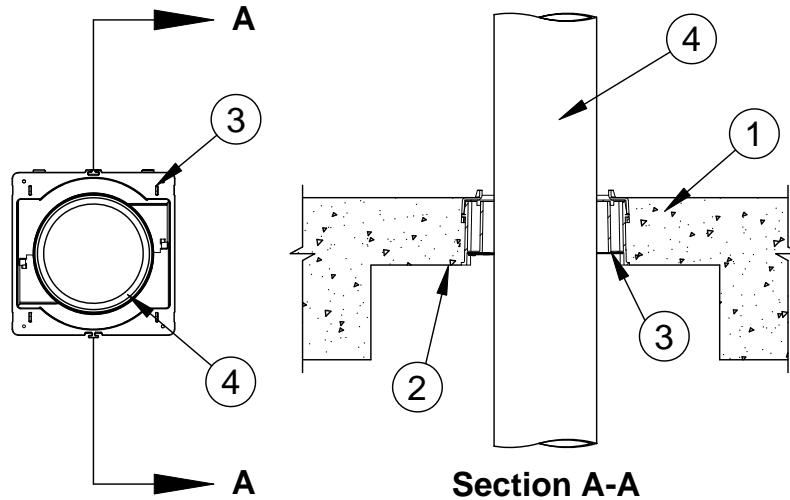


## System No. F-B-2047

F Rating - 2 Hr

T Rating - 0 Hr



1. **Floor Assembly** - Min 6-1/2 in. (165 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m<sup>3</sup>) concrete.
2. **Aerator Adapter** - Nom 14 in. by 9 in. (356 by 229 mm) by min 4 in. (102 mm) deep cast-in-place galv steel adapter box provided with max 5 in. (127 mm) opening on top side. Firestop device (Item 3) mechanically fastened to the top side of box prior to placement of the concrete. The concrete thickness on top of adapter box shall be a min 3-1/4 in. (83 mm).
- 2A. **Aerator Adapter** - As an alternate to Item 2, a nom 10 in. by 7 in. by 4 in. deep metallic adapter box may be used. The size of the adapter box corresponds to the specific size of the device (Item 3). Firestop device (Item 3) secured to the top side of box in accordance with manufacturer's instructions prior to placement of the concrete. The concrete thickness on top of adapter box shall be a min 3-1/4 in. (83 mm).
3. **Firestop Device\*** - The firestop device is attached to top of adapter (Item 2) with a min of four No. 8 (or larger) steel sheet metal screws or secured to the top side of alternate box (Item 2A) in accordance with manufacturer's instructions. Device and box cast in place and permanently embedded during concrete placement in accordance with accompanying installation instructions.

**SPECIFIED TECHNOLOGIES INC** - SpecSeal CD300 or CD400 Cast In Firestop Device

4. **Drain Piping** - Nom 3 in. or 4 in. (76 or 102 mm) diam Schedule 40 solid or cellular core polyvinyl chloride (PVC) pipe or acrylonitrile butadiene styrene (ABS) pipe. Drain piping rigidly supported on both sides of floor assembly.
5. **Aerator Fitting** - (Not Shown) - Nom 3 in. or 4 in. (76 or 102 mm) diam cast iron aerator fitting attached to drain piping below floor assembly. Fitting shall not penetrate the firestop device.

\*Bearing the UL Classification Mark



**Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876**

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