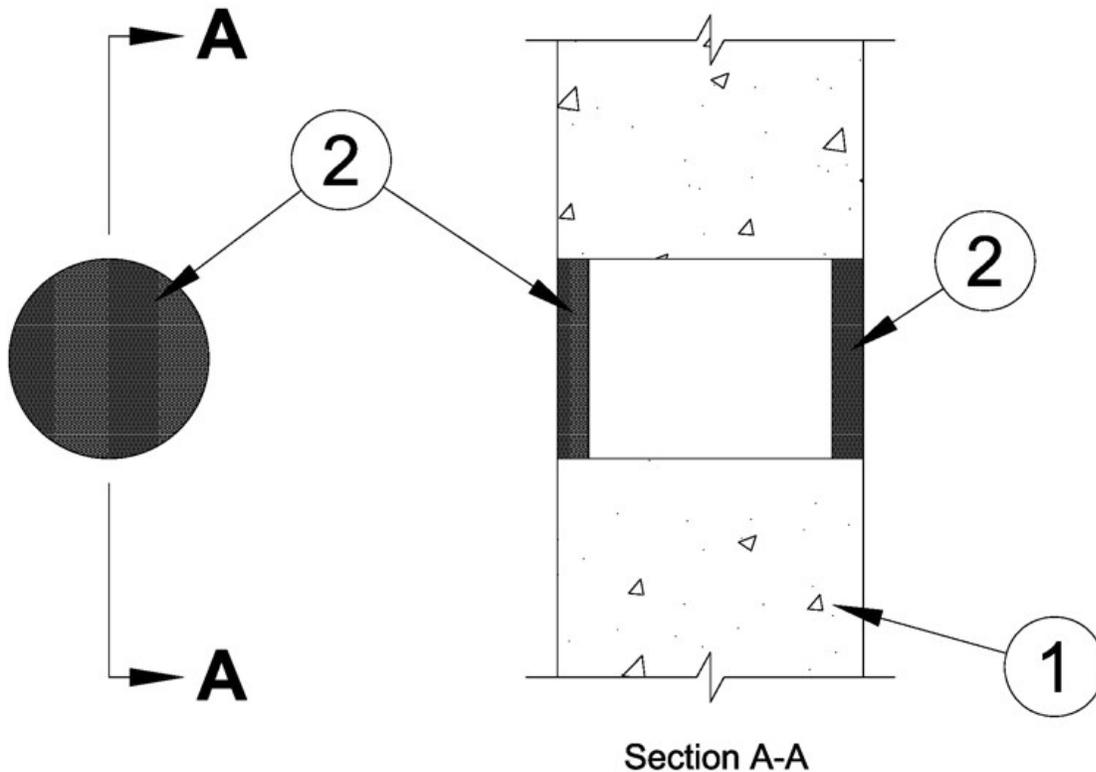


| ANSI/UL1479 (ASTM E814) | CAN/ULC S115 |
|-------------------------|-------------------|
| F Rating - 2 Hr | F Rating - 2 Hr |
| T Rating - 2 Hr | FT Rating - 2 Hr |
| | FH Rating - 2 Hr |
| | FTH Rating - 2 Hr |



1. Wall Assembly — Min 6 in. (152 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 diam of opening is 3 in. (76 mm) or a max area of 4 in² (25.8 cm²) with a max dimension of 2 in. (51 mm).

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

2. Fill, Void or Cavity Material* — Sealant — Min 5/8 in. (16 mm) thickness of sealant applied within annulus, flush with both surfaces of wall.

RECTORSEAL — [Metacaulk 1000](#)

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

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