



Classified by  
Underwriters Laboratories, Inc.  
to UL 1479 and CAN/ULC-S115

# System No. C-AJ-0081

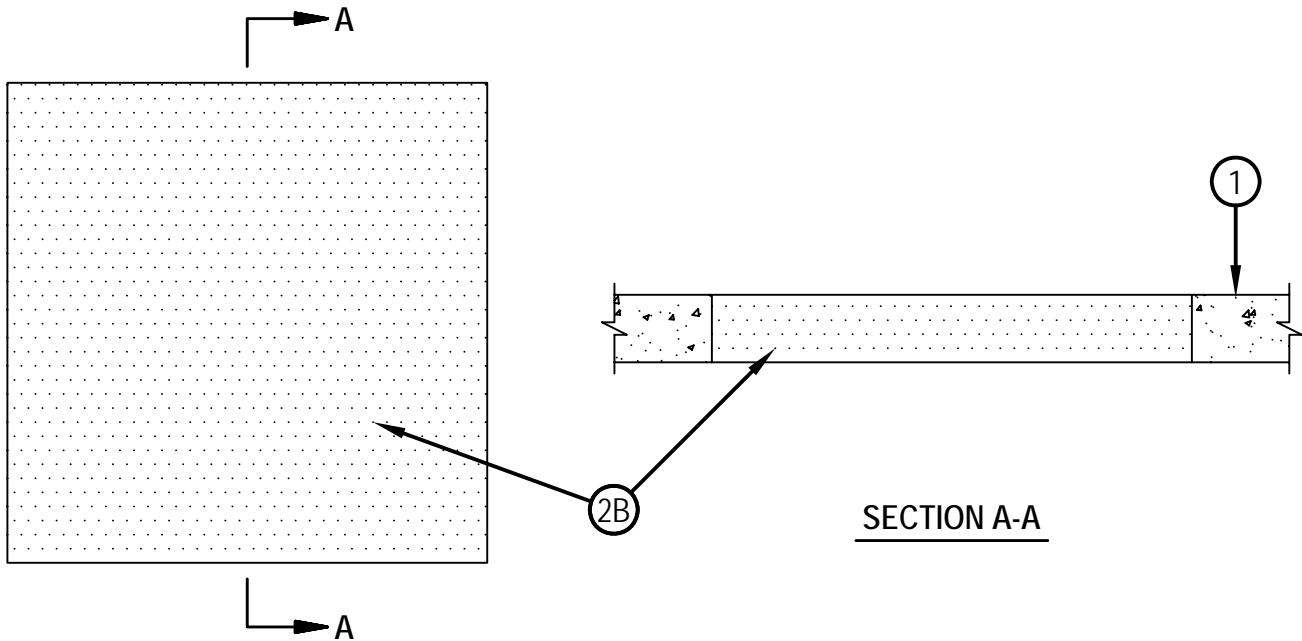
F Rating -- 4 Hr

T Rating -- 4 Hr

L Rating At Ambient -- Less Than 1 CFM/sq ft

L Rating At 400 F -- Less Than 1 CFM/sq ft

CAJ 0081



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 area of opening is 1024 sq in. with max dimension of 32 in.

See Concrete Blocks category in the Fire Resistance Directory for names of manufacturers.

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

A. Forms -- (Not Shown) -- Used as a form to prevent leakage of fill material during installation. Forms to be a rigid sheet material, positioned as required to accommodate the required thickness of fill material. Forms to be removed after fill material has cured.

B. Fill Void or Cavity Materials\* - Mortar -- Min 4-1/2 in. thickness of fill material applied within the annulus. Mortar is mixed at a rate of 2-1/2 parts dry mix to one part water by volume in accordance with the fill material manufacturer's installation instructions.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- CP637 Mortar

\*Bearing the UL Classification Mark



**Hilti Firestop Systems**

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