



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

System No. W-J-0008

F Rating — 2 Hr

T Rating — 1 Hr

WJ 0008

1. Wall Assembly — Min 6 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 864 sq. in. with max dimension of 36 in.
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Firestop System — The firestop system shall consist of the following:
 - A. Firestop Device* — Z-Frame — Z-frame cut to length for the top and both sides of the opening. Each piece of Z-frame fastened to the face of the wall at each end and no greater than 12 in. OC along its length with 3/16 in. diam by 1-1/4 in. long steel concrete screw anchors.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 675T Z-Frame
 - B. Fill, Void or Cavity Material* — Putty — Nom 1/4 in. thick by 1 in. wide strip of putty material applied on the back lip of the Z-frame.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 619T Firestop Putty Roll, CP 618 Firestop Putty Stick or CP 617 Firestop Putty Pad
 - C. Firestop Device* — Distance Holder — Distance holders clipped over perimeter of first layer of board (item 2D1), spaced 8 in. OC.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 675T Distance Holders
 - D. Firestop Device* — Board — Board cut to fit within opening with max 1/4 in. gap around perimeter. Board layers installed as described in items 2D1 and 2D2. When gap between board and opening is 1/8 in. to 1/4 in., the gap shall be filled to a 1 in. depth with one of the materials specified in Item 2B.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 675T Firestop Board
 - D1. Board — First Layer — First layer of board placed into opening with distance holders (item 2C) against back lip of Z-frame (item 2A) and putty (item 2B).
 - D2. Board — Second Layer — Second layer of board placed into opening against back of distance holders (item 2C).
 - E. Firestop Device* — Z-Frame Latch — Secured to Z-frame with integral fasteners, and rotated to locked position over second layer of board (item 2D2). Z-Frame latches shall be located 12 in. OC, with a minimum of two latches per side. The four meeting edges between the wall and the board (including at the Z-Frame latches) shall be covered with a strip of putty (Item 2B).
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 675T Z-Frame Latch

*Bearing the UL Classification Mark



Hilti Firestop Systems

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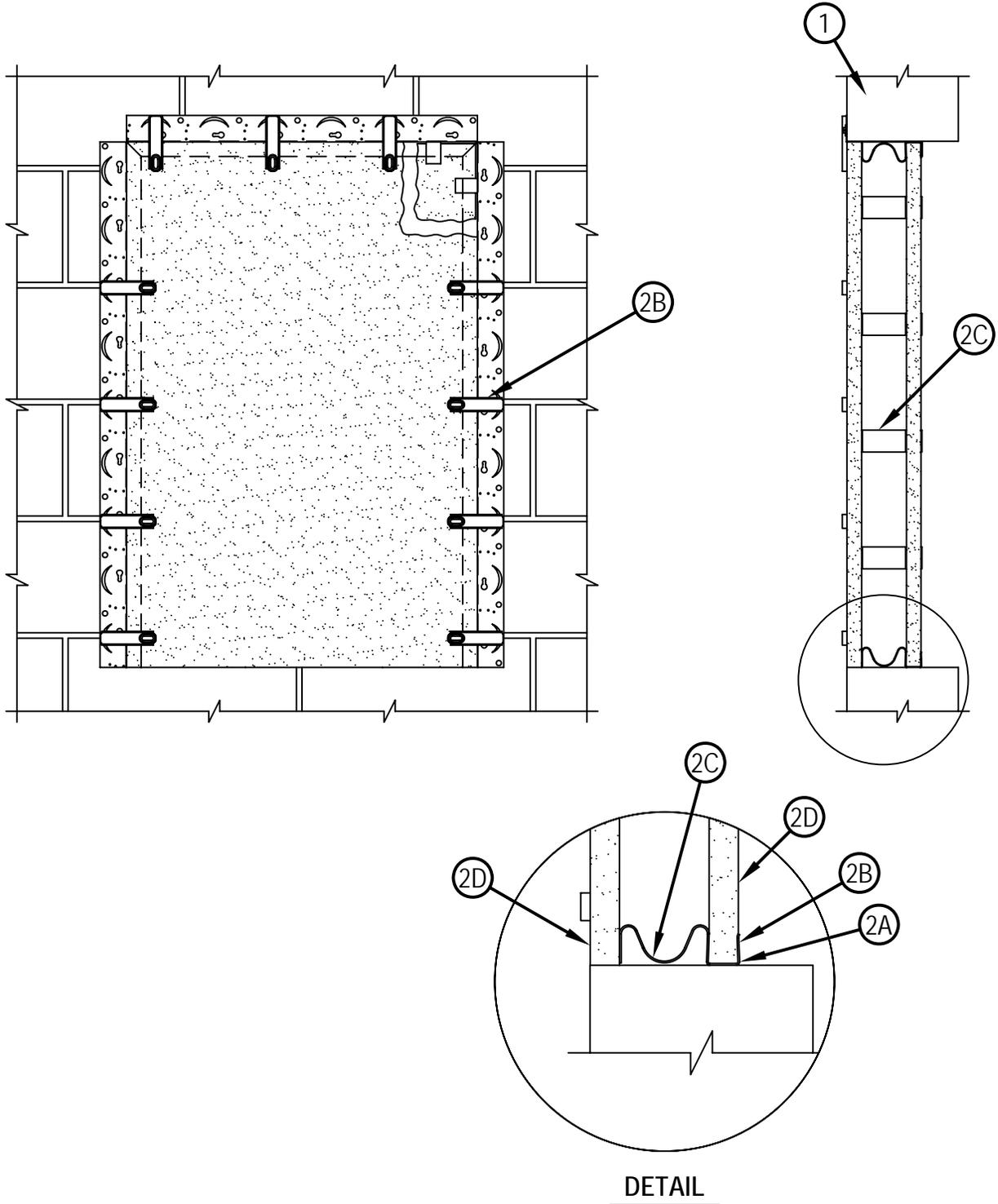
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