Firestop Board
(CP 675T)

Product description
- Ready to use Firestop Board designed for large openings with cable trays and multiple penetrations

Product features
- Lightweight design
- Satisfies a wide range of application scenarios
- Allows for high flexibility and eases re-penetration/cable mining from one side of the wall
- Easy and fast cable re-penetration and cable mining with reduced labor and materials
- Labor saving "one person, one sided installation" method
- Polyurethane foam material, easy to cut without electric tools
- No dust, no fibers, no mess
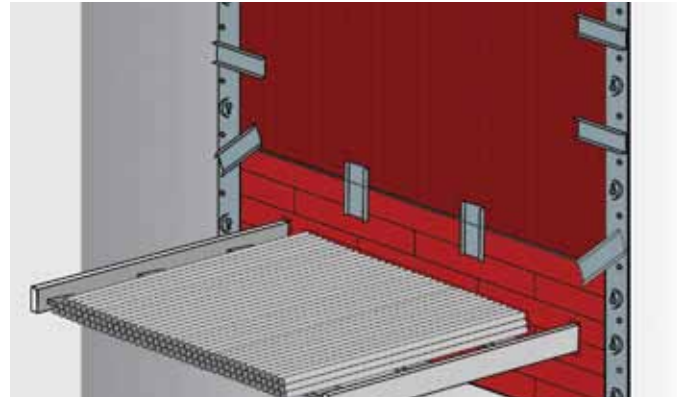- Same system for all types of wall materials

Areas of application
- Temporary or permanent sealing of cables and cable tray penetrations
- Sealing single or multiple penetrations in large openings
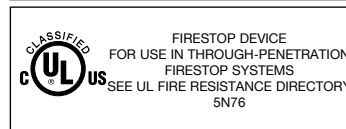- Temporary or permanent sealing of large blank openings

For use with
- Concrete, concrete block, and gypsum wall assemblies
- Concrete floor assemblies

Examples
- Locations where telecommunications and electrical applications are modified on a regular basis such as central office facilities, computer data centers, commercial buildings, healthcare facilities, and laboratories
- New buildings under construction and during renovation

Technical Data	CP 675T
Color	Red
Dimensions (LxWxH)	26" x 39" x 1" (Large Board) (660 mm x 990 mm x 25 mm) 26" x 28" x 1" (Small Board) (660 mm x 711 mm x 25 mm)
Density	320 kg/m³
Application temperature	-22°F to 176°F (-30°C to 80°C)
Temperature resistance	-22°F to 176°F (-30°C to 80°C)
Surface burning characteristics (ASTM E 84-00)	Flame Spread Index: 5 Smoke Development Index: 10

Tested in accordance with		
• UL 1479	• ASTM E 814	• ASTM E 84
• ASTM G21	• CAN/ULC-S115	

c UL us CLASSIFIED
FIRESTOP DEVICE
FOR USE IN THROUGH-PENETRATION
FIRESTOP SYSTEMS
SEE UL FIRE RESISTANCE DIRECTORY
5N76

FM APPROVED

Installation Instructions for CP 675T Firestop Board

Notice
- Before handling, read Material Safety Data Sheet and product label for safe usage and health information.
- Instructions below are general guidelines — always refer to the applicable drawing in the UL Fire Resistance Directory or Hilti Firestop Systems Guide for complete installation information

Surface mounted installation (wall)
1. Clean the opening.
2. Measure the size of the opening. Cut the Firestop Board to size (check system for overlap requirements) with a utility knife, hand saw, circular saw, jig saw, or table saw.
3. If penetrants run through the opening, cut the Firestop Board correspondingly (max. annular space between Board and penetrant: 1/2"). The Board can be cut into two pieces or just cut to allow space for the penetrant(s).
4. Apply CP 619T Putty Roll around edges of the Firestop Board next to the wall. In case of penetrants, the cables and cable trays have to be sealed with CP 619T Putty Roll at their interface with the Firestop Board.

5. Attach Firestop Board with approved Hilti anchors as specified in accordance with the applicable firestop system. When two Firestop Boards come together, seal intersection with CP 619T Putty Roll or FS-ONE (per firestop system requirements).
6. Fasten identification plate (if required).
7. Repeat steps on other side of wall.

Frame mounted installation (wall)
1. Clean the opening.
2. Measure the size of the opening. Cut the CP 675T Z-Frame component to size and attach to top and both sides of opening as specified by firestop system with appropriate Hilti fasteners. Apply CP 619T Putty Roll to back lip of Z-Frame inside opening.
3. Apply a maximum of three rows (6") of FS 657 Firestop Blocks in the opening above and below cable tray (lengthwise). Cut the CP 675T T-Separator Bar to the width of the opening and put it on top of the FS 657 Firestop Blocks (T-edge against back of opening). Apply CP 619T Putty Roll to the backward T-Bar edge protruding above the FS 657 Firestop Block section and around back lip of frames.

4. Cut Firestop Boards to size +1/2" vertically. Use the extra 1/2" to compress the FS 657 Firestop Block partition and provide a tight fit into the opening. Place CP 675T Distance Holders around Firestop Board at a maximum of every 8". With downward pressure, press top of inside Firestop Board into opening and push flush with back edge of Z-Frame followed by outside Firestop Board inserted flush with wall surface.
5. Secure front of Firestop Board with Z-Frame Latches every 8". Apply CP 619T Putty Roll over the intersection between the Board and the Frame. Fill voids around penetrating items within FS 657 Firestop Block partition with Hilti Firestop Putty. Refer to UL systems for complete details.
6. Fasten identification plate (if required).

Not for use
- In wet rooms, outdoors or in areas exposed to the weather or UV radiation.

Storage
- Store only in the original packaging in a location protected from moisture and direct sunlight

Hilti. Outperform. Outlast.

Hilti Firestop
Saving lives
through innovation
and education