Firestop Plug (CFS-PL)

Product description

- Ready-to-use intumescent and reusable plug for small openings

Product features

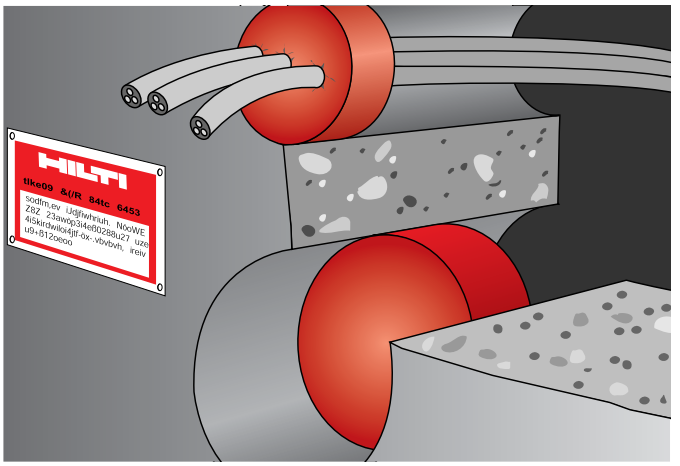
- Fast and easy installation — no special tools required, helps reduce installation time and costs
- Immediately functional after installation
- Suitable for laying new cables later
- Versatile in use (temporary or permanent protection)
- Smoke resistant
- One-sided installation wall systems available
- Halogen and solvent free
- Paintable

Areas of application

- Walls and floors
- Temporary or permanent sealing of cables — single or bundled cables

Examples

- Dust and fiber free rooms and places where electrical installations are frequently changed such as computer centers, hospitals and laboratories
- New buildings in the construction phase and during renovation
- Office buildings, production bays, warehouses



Technical Data*	CFS-PL
Density	Approx. 0.27 g/cm³
Color	Red
Application temperature	40°F to 104°F (5°C to 40°C)
Temperature resistance	5°F to 140°F (-15°C to 60°C)
Intumescent activation	Approx. 392°F (200°C)
Expansion ratio (unrestricted)	Approx. 1:3
Surface burning characteristics (ASTM E 84-10b)	Flame Spread Index: 10 Smoke Development Index: 15
Sound Transmission Classification (ASTM E 90)	STC Rating: 55
Tested in accordance with • UL 1479 • ASTM E 814 • ASTM E 84 • ASTM E 90 • CAN/ULC S115	

*At 73°F (23°C) and 50% relative humidity

FILL, VOID OR CAVITY MATERIALSFOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS
SEE UL FIRE RESISTANCE DIRECTORY
66Y7

FM APPROVED

Installation instructions for Firestop Plug CFS-PL

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

Opening

1. Clean the opening. surfaces Firestop Plug CFS-PL will be in contact with, should be cleaned of loose debris, dirt, oil, moisture, frost and wax.

Application of firestop plug

2. If there are no penetrations, install Firestop Plug CFS-PL within opening and bead with Hilti CP 618 Putty Stick where firestop plug interfaces with inside of sleeve (when required).

3a. If there are penetrations, cut Firestop Plug CFS-PL to fit around cables.

3b. Insert firestop plug into sleeve. Optional: seal cables by forcing CP 618 into interstices of cables.

4. For maintenance reasons, a penetration seal can be permenantly marked with an identification plate and fastened in a visible position next to the seal.

Re-installing cables

- Remove firestop plug from opening
- Install the penetrant and re-install the firestop plug in compliance with the appropriate UL system.

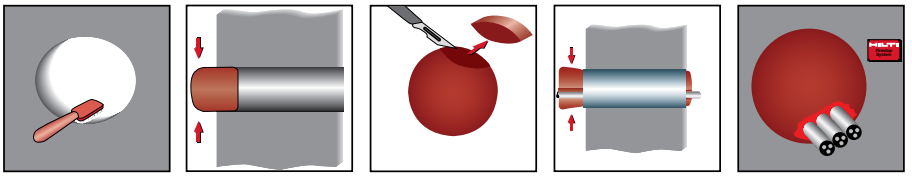
- If single cables are installed, a hole can be drilled through the firestop plug and a cable passed through.

Not for use

- In wet rooms or outdoors exposed to the weather or UV radiation

Storage

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



1. Clean opening
2. Blank opening: Install plug and CP 618 Putty Stick
3a. With cables: Cut plug to fit around cables
3b. Install plug around cables (optional: CP 618 Putty Stick forced into interstices of cables)
4. Fasten installation plate in place (if required)

Hilti Firestop
Saving lives
through innovation
and education

Hilti. Outperform. Outlast.