

FIRESTOP SELF LEVELING SILICONE SEALANT CFS-S SIL SL

Product description

- Self-leveling, single-component, silicone-based firestop sealant for use with through-penetrations as well as construction joints in floors.

Product features

- Self-leveling—requires no tooling
- Excellent elongation/compression properties
- Meets 500 cycle requirements (ASTM E 1966, UL 2079 and CAN/ULC-S115)
- Smoke, fume, and water resistant
- Meets Class I W-rating requirements
- Meets LEED™ requirements for indoor environmental quality credit 4.1 Low Emitting Materials, Sealants and Adhesives and 4.2 Paints and Coatings

Areas of application

- Sealing construction/expansion joints
- Metal pipes
- Cable bundles
- Sealing multiple penetrations in small or large openings

For use with

- Concrete floors rated up to 4 hours

Examples

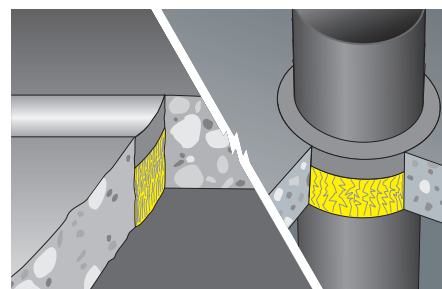
- Penetrations for metal pipes between floor levels
- Construction joints and expansion joints in floors

Installation instructions

- See Hilti literature or third-party listings for complete application and installation details

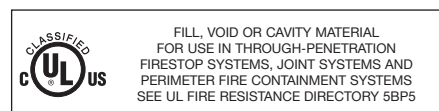
Technical data

Chemical basis	Neutral elastic silicone
Density	87.4 lb/ft³
Color	Grey
Application temperature	35°F to 104°F (1.5°C to 40°C)*
Storage Temperature	35°F to 104°F (1.5°C to 40°C)
Skin forming time	Approx. 15 min
Curing time	4mm / 3 days
Tack free time	120 mins (ventilated at 77°F, 80% rel. humidity)
Paintable	No
FBC (Lubrizol) compatible	Yes
Intumescent	No
LEED VOC	41.63g/L
Mold and mildew	Class 0 (ASTM G21-96)
Shelf life	12 months
Water tightness	Yes
W-rating	Yes
California State fire marshal approval	Yes (Listing 4485-1200:0123 for Through-Penetrations & Listing 1452-1200:0113 for joint systems)
Volume shrinkage	Approx. 0 – 5%
Joint movement capability (UL 2079)	Up to 33%
Temperature resistance	–40°F to 300°F (–40°C to 149°C)
Surface burning characteristics (ASTM E 84-12)	Flame Spread: 0 Smoke Development: 50
Sound transmission classification (ASTM E 90-09)	53 (Relates to specific construction)
Tested in accordance with	UL 1479, ASTM E 1966, UL 2079, ASTM E 814, ASTM E 2307, ASTM E 84, ASTM G21, CAN/ULC-S115



Order Information

Designation	Legend	Item number
Firestop sealant CFS-S SIL SL pail grey	①	2076885
Firestop sealant CFS-S SIL SL foil grey	②	2076884



Volume per unit:

- Caulk tube = 10.5 f. oz (18.9in³)
- Foil = 600ml (36.4in³)
- Pail = 5gal (1,155in³)

- * Definition = For ambient and surface temperatures between 10°F (-12°C) and 35°F, the following conditions must apply:
- Substrate surfaces are clean and dry (e.g. free of dust, rust, grease, oil, dew, frost, ice, moisture, etc);
 - Product maintained above 50°F (10°C) for a minimum of 24 hours prior to application;
 - Product will not cure at ambient temperatures below 32°F / 0°C