

FIRESTOP GUN GRADE SILICONE SEALANT CFS-S SIL GG

Product description

- A silicone based firestop sealant that provides maximum movement in fire-rated joints, and seals through-penetration applications

Product features

- Halogen and solvent free
- Asbestos free
- Simple to use and apply
- Good adhesion without use of a primer
- Excellent movement capability, meets 500 cycle requirements (ASTM C719 and UL 2079)
- Smoke, fume, water and UV 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
- Top-of-wall joints
- Metal pipes
- Cable bundles
- HVAC penetrations

For use with

- Various base materials such as masonry, concrete, metal, etc.
- Wall and floor assemblies rated up to 4 hours

Examples

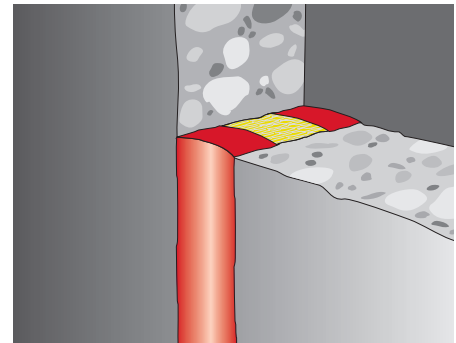
- Where a gypsum wall assembly meets the underside of a metal or concrete deck
- Sealing expansion joints to impede the passage of fire, smoke and toxic fumes
- Sealing around penetrations through fire-rated assemblies

Installation instructions

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

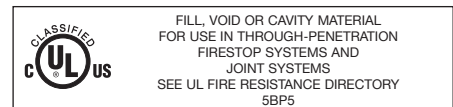
Technical data

Chemical basis	Neutral elastic silicone
Density	87.4 lb/ft ³
Color	Available in red, white, and gray
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.
Tack free time	30mins (ventilated at 77°F, 80% rel. humidity)
Curing time	4mm / 3 days
Volume shrinkage	Approx. 0 - 5%
Movement capability (UL 2079) (ASTM C 920)	Up to 33%
FBC (Lubrizol) compatible	Yes
Intumescent	No
LEED VOC	48 g/L
LEED V4 Compliant	Yes (CDPH 1.2-2017)
Mold and mildew	Class 0 (ASTM G21-96)
Shelf life	12 months
Water tightness	Yes
W-rating	Yes
CSFM approval	Yes (Listing 4485-1200:0123 for Through-Penetrations & 1452-1200:0113 for joint systems)
Temperature resistance	-40°F to 300°F (-40°C to 149°C)
Surface burning characteristics (ASTM E84-12)	Flame spread: 0 Smoke development: 25
Surface burning characteristics (CAN S102)	Flame spread: 0 Smoke envelopment: 35
Sound transmission classification (ASTM E 90-09)	59 (Relates to specific construction)
Tested in accordance with	UL 2079, ASTM E 814, ASTM E 1966, ASTM C 920, UL 1479, ASTM E 84, ASTM G21, CAN/ULC S102, CAN/ULC-S115



Order Information

Designation	Legend	Item number
Firestop sealant CFS-S SIL GG pail red	①	2076883
Firestop sealant CFS-S SIL GG cart red	②	2076881
Firestop sealant CFS-S SIL GG foil red		2076882
Firestop sealant CFS-S SIL GG foil white		2076729
Firestop sealant CFS-S SIL GG foil grey	③	2077322



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