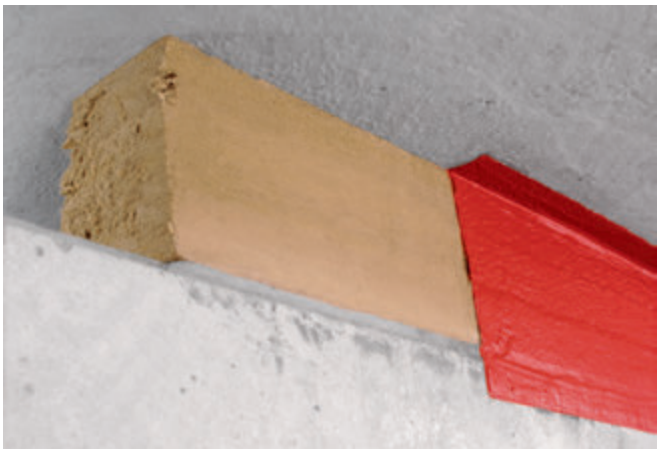
Firestop Joint Spray (CFS-SP WB)



Product description
- A sprayable fire-rated mastic for construction joints where maximum movement is required

Areas of application
- Top-of-wall joints
- Curtain wall/edge of slab
- Expansion joints

For use with
- Concrete, masonry and gypsum wall assemblies
- Wall and floor/wall assemblies rated up to 4 hours

Examples
- Where a gypsum wall assembly meets the underside of a metal or concrete deck
- Where a concrete floor assembly meets with non-rated exterior wall (concrete, glass, etc.)
- Where two concrete floor/wall assemblies meet

Product features
- Sprayable or apply by brush or trowel
- Maximum flexibility, meets 500 cycle requirements (Class II and III Approval) (ASTM E 1966 and UL 2079)
- Quick and easy installation with the Titan 600 or 1100 Sprayers can help save you time and money
- Contains no halogens, solvents or asbestos
- Water based formulation so spills and over-spray clean up quickly and easily
- Paintable
- Meets LEED™ requirements for indoor environmental quality credit 4.1 Low Emitting Materials, Sealants and Adhesives and 4.2 Paints and Coatings

Technical Data*	CFS-SP WB
Density	Approx. 10.8 lb/gal (1.3 g/cm³)
Color	Available in red, white and gray**
Application temperature	39°F to 104°F (4°C to 40°C)
Temperature resistance	-40°F to 176°F (-40°C to 80°C)
Consistency	Sprayable liquid
Chemical basis	Acrylic-water-based-dispersion
Curing time	Approx. 24 hours @ 73°F, 50% humidity for 1/8" (3mm) depth
Average volume shrinkage (ASTM C1241)	51.1%
Ph-value	Approx. 8-9
Movement capability	Up to 50%
Surface burning characteristics (CAN/ULC-S102)	Flame spread: 15 Smoke development: 10
Shelf life[1)]	12 Months
LEED VOC	73 g/l
Sound transmission classification (ASTM E 90-99)	59 (per tested construction type)
Tested in accordance with • UL 2079 • ASTM E 1966 • ASTM E 84 • ASTM E 2837 • UL 1479 • ASTM E 814 • ASTM E 2307	

*At 73°F (23°C) and 50% relative humidity
**Gray color requires six (6) weeks lead time

Internationally Tested and approved

EN 1366-3

EN 1366-4

Ordering designation	Volume per unit	Sales pack quantity	Item number
CFS-SP WB red	19000 ml	1 pc	**430815**
CFS-SP WB white	19000 ml	1 pc	**430816**

Installation instructions for Firestop Joint Spray CFS-SP WB

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 to which Firestop Joint Spray will be applied should be cleaned of loose debris, dirt, oil, wax and grease. The surface should be moisture and frost free.

Application of Firestop Joint Spray

2. Mineral wool packing: Install the prescribed back filling material type and depth to obtain desired rating.
3. Application of Firestop Joint Spray: Apply Firestop Joint Spray to the required depth in order to obtain the desired rating. Make sure Firestop Joint Spray contacts all surfaces and overlaps beyond all surrounding surfaces (Refer to UL System). Titan Sprayers have been successful in applying Firestop Joint Spray. Hilti recommends the use of the Titan 600 (for application temperatures above 50°F) or

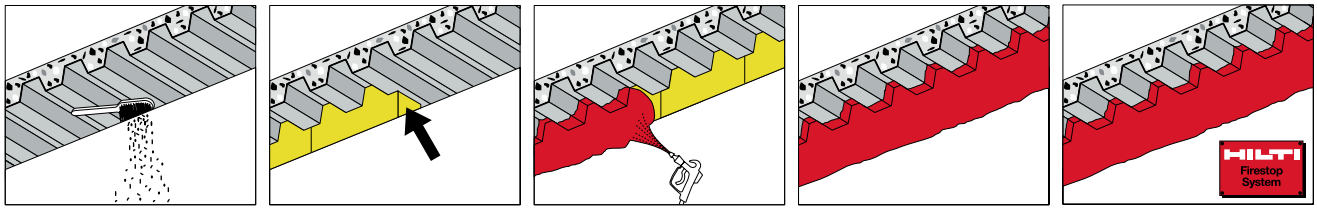
   Firestop Joint Spray may also be brushed on with a paint brush. Contact Hilti Technical Support for more information.
4. Curing time: Allow approx. 24 hours for typical application thickness (@ 73°F / 23°C) 50% humidity for 1/8" depth for the Firestop Joint Spray to fully cure.
5. Identification: For maintenance reasons all Firestop Joint Spray applications can be permanently marked with an identification plate and fastened in a visible position next to the seal.

Not for use

- In areas immersed in water
- On hot surfaces (above 176°F) (80°C)

Storage

- Store only in the original packaging at temperatures 39°F to 77°F (4°C to 25°C)
- Observe expiration date on package



1. Clean opening
2. Pack in mineral wool compressed per UL System
3. Spray or brush on Firestop Spray
4. Allow Firestop Spray to cure
5. Fasten identification plate (if required)