



COMPLIANCE TESTED by berkeley analytical

VOC Emission Test Certificate

Product Name: FireStop-814 + Sealant - FS-814+

Product Sample Information		Certificate Information	
Company:	EverKem Diversified Products	Certificate No:	220325-03
Company Website:	www.everkemproducts.com	Certified By:	 Raja S. Tannous, Laboratory Director
Product Type:	Firestopping and Sealants	Date:	March 25, 2022
Date Produced:	2/7/2022		

Reference Standard: California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017 (Emission testing method for CA Specification 01350)

Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:

Exposure Scenario ¹	Individual VOCs of Concern ²		Formaldehyde ³		TVOC ⁴
	Criterion	Compliant?	Criterion	Compliant?	
School Classroom	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	≥ 5.0 mg/m ³
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	≥ 5.0 mg/m ³

Product Coverage⁵: 9230 g/m² (see manufacturer’s letter attached)

1. Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.2-2017)
2. Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (*ibid.*)
3. Maximum allowable formaldehyde concentration is ≤9 µg/m³, effective Jan 1, 2012; previous limit was ≤16.5 µg/m³ (*ibid.*)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m³, >0.5 – 4.9 mg/m³, and ≥5.0 mg/m³
5. Informative and applicable only to tests of wet-applied products; grams of sample applied per square meter of substrate

Standards & Codes Recognizing CDPH Standard Method V1.2 (partial list)

- USGBC LEED Version 4/4.1, BD&C, ID&C, Residential BD&C Multifamily
- The WELL Building Standard, WELL v2, Feature X06
- ANSI/GBI 01-2019 Green Globes Assessment Protocol

Narrative: EverKem Diversified Products selected a sample representative of its FireStop-814 + Sealant - FS-814+ elastomeric intumescent firestop sealant product and submitted it on 2/25/2022 for testing. Berkeley Analytical measured and evaluated the emissions of VOCs from this sample following CDPH/EHLB/Standard Method V1.2-2017. The results of the test are presented in Berkeley Analytical report, 1395-001-04A-Mar2522.

Berkeley Analytical is an independent, third-party laboratory specializing in the analysis of organic chemicals emitted by and contained in building products, finishes, furniture, and consumer products. We are an ISO/IEC 17025 accredited laboratory (IAS, [TL-383](#)); all standards used in performing this test are in Berkeley Analytical’s scope of accreditation.

DISCLAIMER: THIS CERTIFICATE OF COMPLIANCE AFFIRMS THAT: 1) A SAMPLE OF THE LISTED PRODUCT WAS TESTED ACCORDING TO THE REFERENCED STANDARD; 2) THE MEASURED VOC EMISSIONS FROM THE SAMPLE WERE EVALUATED FOR THE DEFINED EXPOSURE SCENARIO(S); AND 3) THE RESULTS MEET THE ACCEPTANCE CRITERIA OF THE REFERENCED STANDARD(S). BERKELEY ANALYTICAL IS NOT RESPONSIBLE FOR ANY CLAIMS REGARDING A PRODUCT OR PRODUCTS ENTERED INTO COMMERCE THAT MAY BE BASED ON THIS TEST. BERKELEY ANALYTICAL PROVIDES THIS CERTIFICATE OF COMPLIANCE “AS IS” WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE.



120 Regent Drive, Winston-Salem, NC 27103

PH: 1-800-638-3160 FX: (336) 661-7969

www.everkemproducts.com

2/22/22

Everkem Diversified Products
120 Regent Drive
Winston-Salem, NC 27103
USA

Contact: Erin Dixon

Product: FS814+ Intumescent Firestopping Sealant (Part # FS814+)

Uses: Firestop-814+ Elastomeric Intumescent Firestop Sealant offers comprehensive UL Testing for a wide range of electrical, plumbing, HVAC, and head-of-wall applications for "Through Penetrations" found in up to 4 hour fire-rated wood, gypsum, and concrete floor & wall assemblies. Firestop-814+ is a highly flexible, general-purpose firestopping sealant that conforms to ASTM-E814 (UL 1479) standards for multi-family and commercial firestopping applications.

Basis for determining typical worst case product use:

Flame stop sealant for through penetrations

Typical Worst Case Quantities:

Classroom: 12.2m X 7.32m X 2.59m = 231m³
Product Bead Length: 3.4m x 9.525mm maximum gap fill

Office: 3.66m X 3.05m X 2.74m = 30.6m³
Product Bead Length: 1.7m x 9.525mm maximum gap fill