



COMPLIANCE TESTED by berkeley analytical

VOC Emission Test Certificate

Product Name: Sikafloor® Vertical Epoxy Primer

Product Sample Information		Certificate Information	
Company:	Sika Canada Inc.	Certificate No:	240507-01
Company Website:	www.can.sika.com	Certified By:	 Raja S. Tannous, Laboratory Director
Product Type:	Wall Base Material	Date:	May 7, 2024
Date Produced:	3/1/2024		

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	≤ 0.5 mg/m ³
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	≤ 0.5 mg/m ³

Product Coverage⁵: 247 g/m² (8-10 mil wet film thickness) – see attached letter

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: Sika Canada Inc. selected a sample representative of its Sikafloor® Vertical Epoxy Primer - a two-component adhesive for vertical application of mortars for coving work product and submitted it on 4/11/2024 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, 1415-009-01A-May0724.

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.



Date: March 19, 2024

RE: Statement of product quantities to be used to model and determine compliance of test results with VOC emission guidelines in CDPH Standard Method V1.2 (see Section 4.3.6)

Company Name: Sika Canada, Inc.

Location: 601, Avenue Delmar Pointe-Claire (QC) H9R 4A9, Canada

Contact: Peter Miseros, VP R&D

Name/Number of Product Sample: Sikafloor® Vertical Epoxy Primer

How Product is Used in Buildings: Sikafloor® Vertical Epoxy Primer is 100 % solids, two-component, moisture tolerant, epoxy adhesive. It is used as a tacky primer and adhesion promoter for the vertical application of Sikafloor® mortars for coving work.

Basis for Determining Typical or Realistic Worst-case Product Use: Sikafloor® Vertical Epoxy Primer is applied as described in the product datasheet (August 2021, Version 01.01). The coverage is 4-5 m²/L (160 - 200 ft²/US gal.) at 8-10 mil wet film thickness (w.f.t.). This coverage may vary depending on the porosity of the substrate. A realistic worst-case application of the product is for a 150 mm high wall base.

Typical or Realistic Worst-case product areas for CDPH Standard Method V1.2 modeling:

Standard School Classroom (CDPH Standard Method, Table 4-3)

For the Standard School Classroom model, the wall base area listed in Table 4-3 of **9.68 square meters** shall be used as this area is for a 254 mm high wall base.

Standard Private Office (CDPH Standard Method, Table 4-5)

For the Standard Private Office model, the wall base area listed in Table 4-5 is for a 4-inch (102-mm) high wall base. For a 150 mm high wall base, the area to be used in the model is **1.87 square meters**