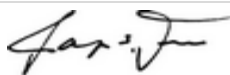




COMPLIANCE TESTED by berkeley analytical

VOC Emission Test Certificate

Product Name: Grabber Water Based Subfloor Adhesive - GSAFW

Product Sample Information		Certificate Information	
Company:	Grabber Construction Products	Certificate No:	240829-03
Company Website:	www.grabberpro.com	Certified By:	 Raja S. Tannous, Laboratory Director
Product Type:	Floor Coatings or Adhesives	Date:	August 29, 2024
Date Produced:	6/18/2024		

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?	Range
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: 9050 g/m² (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: Grabber Construction Products selected a sample representative of its Grabber Water Based Subfloor Adhesive - GSAFW product and submitted it on 8/2/2024 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, 1216-009-01A-Aug2924.

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.

Franklin International

August 5, 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)

Franklin International

2020 Bruck Street, Columbus, Ohio 43207

Ben Ward, Sr. Product Safety and Compliance Specialist

Product Name: Grabber Water-Based Subfloor Adhesive

Commercial Part Number: GSFAW

Manufacturer Sample ID: A240618081

To Whom It May Concern:

This adhesive is designed for subfloor installation of flooring joists 16 inches on center across the varying floor dimensions listed below. One 28 fl oz. cartridge with a ¼" bead covers 86 feet.

Classroom - Floor size is 40 feet long x 24 feet wide, or 960 square feet.

Assume joists 16 inches on center across the 24-foot section. Therefore, joists would be 24 feet long. 40-foot section divided by 16 inches = 30 joists +1 end joist = 31 joists at 24 feet long = 744 linear feet at ¼ inch bead.

One cartridge = 86 feet, therefore total cartridges = 8.65 cartridges x 28 oz per cartridge = 242.2 fluid ounces = 1.89 gallons = 20.03 lbs.

Office – Room size is 12 feet long x 10 feet wide, or 120 square feet.

Assume joists 16 inches on center across the 10-foot section. Therefore, joists would be 10 feet long.


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12-foot section divided by 16 inches = 9 joists + 1 end joist = 10 joists at 10 feet long = 100 linear feet at ¼ inch bead.

One cartridge = 86 feet, therefore total cartridges = 1.16 cartridges x 28 fl oz per cartridge = 32.48 fluid ounces = 0.25 gallons = 2.65 lbs.

Please feel free to contact me if there are any questions or additional information is needed.

Sincerely,

A handwritten signature in dark ink, appearing to read "Ben Ward", with a stylized, cursive script.

Ben Ward
Franklin International