



RPG Acoustical Systems, LLC
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September 6, 2022
Doc ID: 1424-001-01A-Sep0622

Product Supplier: RPG Acoustical Systems, LLC

Testing Laboratory: Berkley Analytical
815 Harbour Way South
Richmond CA 94804

Supplier Declaration of Conformity and Claim of Low VOC Content: Solid Wood Plank and Trim

The VOC assessment for the VOCs off gassed by **RPG Solid Wood**, referred to by the same name for the test, supplied by RPG Acoustical Systems LLC was tested by Berkley Analytical in test report number 1424-001-01A-Sep0622.

The product sample was tested for VOC emissions following California Department of Public Health CDPH/EHLB/Standard Method V1.2, 2017 to determine compliance of the materials for USGBC LEED v4, MR credit for Low Emitting Materials. All calculations and assumptions are based on the model data for predicted VOC concentration in air in 30.6 m3 of an indoor office environment and 231 m3 of a classroom environment.

A complete list of all RPG products included in the tested **Solid Wood** product category are detailed in Table 1 in accordance with Standard Method for the Testing and Evaluation of VOC Emissions from Indoor Sources using Environmental Chambers; Section 8 Guidelines for use of Standard Method as Basis for a Building Product Claim:

“8.7.1.5 A range of product models, brands, and/or styles with varying characteristics may be grouped together for testing purposes if the products can be expected to have virtually the same performance during testing and use. A test group shall only include models which are made using the same production methods and are comprised of the same product ingredients (formulation). The test sample shall be selected from the model in the group that can be expected to give the worst results for the test taking into consideration special attributes, materials, methods of manufacturing, suppliers, etc.”

Table 1 Products covered by testing for **Solid Wood**, bold type denotes actual product tested.

Product	Description
FlutterFree Planks	Solid Wood
FlutterFree-T Planks	Solid Wood
FlutterFree-W Planks	Solid Wood
Skyline W76	Solid Wood
T-Trim	Solid Wood
L-Trim	Solid Wood
Solid Wood Trims	Solid Wood



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LEED, Leadership in Energy and Environmental Design

LEED has an entire credit category dedicated to the indoor environment that rewards decisions made by projects teams about indoor air quality and thermal, visual, and acoustic comfort.

EQ Credit: Low Emitting Materials.

“Building products must be tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method v1.1–2010, using the applicable exposure scenario. The default scenario is the private office scenario. The manufacturers or third-party certification must state the exposure scenario used to determine compliance. Claims of compliance for wet-applied products must state the amount applied in mass per surface area.

Manufacturers’ claims of compliance with the above requirements must also state the range of total VOCs after 14 days (336 hours), measured as specified in the CDPH Standard Method v1.1:

- 0.5 mg/m³ or less; between 0.5 and 5.0 mg/m³; or 5.0 mg/m³ or more.”

The manufactured product: **Solid Wood Plank and Trim**, tested by Berkeley Analytical, in report number 1424-001-01A-Sep0622 is compliant with this low emitting material standard with a 14 day (336 hours) total VOC of ≤ 0.5 mg/m³. This is based on the modeled scenarios: indoor office environment 30.6 m³; and classroom environment 231 m³.

A handwritten signature in black ink, appearing to read 'Ken Fussner', is written over a horizontal line.

Ken Fussner, Executive VP Sales & Marketing
RPG Acoustical Systems LLC

A handwritten date '9-6-2022' is written in black ink above a horizontal line.

Date



COMPLIANCE TESTED by **berkeley analytical**

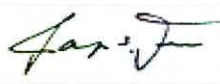
VOC Emission Test Certificate

Product Name: Flutter Free Solid Wood

Product Sample Information

Company: RPG Acoustical Systems
 Company Website: www.rpgacoustic.com
 Product Type: Wallcoverings
 Date Produced: 8/5/2022

Certificate Information

Certificate No: 220906-01
 Certified By: 
 Raja S. Tannous, Laboratory Director
 Date: September 6, 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?	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: Modeled for wall loading as worst-case scenario

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. Other comments

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: RPG Acoustical Systems selected a sample representative of its Flutter Free Solid Wood - acoustical system product and submitted it on 8/10/2022 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, 1424-001-01A-Sep0622.

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.