



**RPG Acoustical Systems, LLC**  
99 South Street,  
Passaic, NJ 07055  
(973) 916-1166  
[info@RPGacoustic.com](mailto:info@RPGacoustic.com)

September 6, 2022  
Doc ID: 1424-001-02A-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: MDF Veneer Panel**

The VOC assessment for the VOCs off gassed by **RPG MDF Veneer Panel**, referred to by the same name for the test, supplied by RPG Acoustical Systems LLC was tested by Berkley Analytical in test report number 1424-001-02A-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.

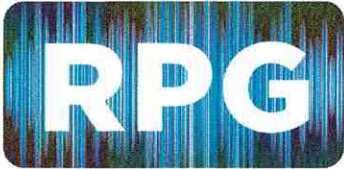
A complete list of all RPG products included in the tested **MDF Veneer Panel** product category is detailed in Table 1 in accordance with Standard Method for the Testing and Evaluation of VOC Emissions from Indoor Sources using Environmental Chambers; Section 8 Guidelines for use of Standard Method 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 of **MDF Veneer Panel**, bold type denotes actual product tested.

<b>Product</b>	<b>Description</b>
BAD Template	MDF Core
Dado 5/3	MDF Core with Veneer
Dado 6/2	MDF Core with Veneer
Dado 9/2	MDF Core with Veneer
Dado 13/3	MDF Core with Veneer
Dado 14/2	MDF Core with Veneer
Dado 28/4	MDF Core with Veneer
Dado 29/3	MDF Core with Veneer
Dado 30/2	MDF Core with Veneer

**Table A (continued)** Products covered by testing of **MDF Veneer Panel**, bold type denotes actual product tested.



**RPG Acoustical Systems, LLC**  
 99 South Street,  
 Passaic, NJ 07055  
 (973) 916-1166  
[info@RPGacoustic.com](mailto:info@RPGacoustic.com)

**ACOUSTICAL SYSTEMS - LLC**

<b>Product</b>	<b>Description</b>
Dado Custom Pattern	MDF Core with Veneer
Diffractal	MDF Core with Veneer
Expo 3D	MDF Core with Veneer
Expo 45	MDF Core with Veneer
Expo Cell	MDF Core with Veneer
Expo CODE	MDF Core with Veneer
Expo Galaxy	MDF Core with Veneer
Expo Standard	MDF Core with Veneer
Modfractal	MDF Core with Veneer
Modffusor	MDF Core with Veneer
Omniffusor-W58	MDF Core with Veneer
Omniffusor-W84	MDF Core with Veneer
Omniffusor-W113	MDF Core with Veneer
Optistep-W	MDF Core with Veneer
Overture	MDF Core with Veneer
Perfecto Mini Panels/Planks	MDF Core with Veneer
Perfecto Micro Panels/Planks	MDF Core with Veneer
Perfecto Matrix Panels/Planks	MDF Core with Veneer
Perfecto 8/8/1.2	MDF Core with Veneer
Perfecto 8/8/2	MDF Core with Veneer
Perfecto 16/16/6	MDF Core with Veneer
Perfecto 16/16/8	MDF Core with Veneer
Perfecto 16/16/10-5	MDF Core with Veneer
Perfecto 32/32/8	MDF Core with Veneer
Perfecto 32/32/10	MDF Core with Veneer
Perfecto Custom Panel	MDF Core with Veneer
<b>Perfecto Flat Panels</b>	MDF Core with Veneer
Planarform Reflector	MDF Core with Veneer
QRD 734	MDF Core with Veneer
QRD 734-F	MDF Core with Veneer
VariDoor	MDF Core with Veneer
Waveform Gaussian W6	MDF Core with Veneer
Waveform Gaussian W12	MDF Core with Veneer
Waveform Monoradial-W	MDF Core with Veneer
Waveform Spline-W	MDF Core with Veneer



ACOUSTICAL SYSTEMS - LLC

**LEED, Leadership in Energy and Environmental Design**

**RPG Acoustical Systems, LLC**

99 South Street,

Passaic, NJ 07055

(973) 916-1166

[info@RPGacoustic.com](mailto:info@RPGacoustic.com)

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/m<sup>3</sup> or less; between 0.5 and 5.0 mg/m<sup>3</sup>; or 5.0 mg/m<sup>3</sup> or more.”

The supplied product: **Perfecto MDF Panel**, tested by Berkeley Analytical, in report number 1424-001-02A-Sep0622 is compliant with this low emitting material standard with a 14 day (336 hours) total VOC of  $\leq 0.5$  mg/m<sup>3</sup>.

This is based on the modeled scenario for an indoor office environment of 30.6 m<sup>3</sup> and classroom environment of 231 m<sup>3</sup>.

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 over a horizontal line.

Date



# COMPLIANCE TESTED by berkeley analytical

## VOC Emission Test Certificate

**Product Name: Perfecto MDF Panel**

Product Sample Information		Certificate Information	
Company:	RPG Acoustical Systems	Certificate No:	220906-02
Company Website:	www.rpgacoustic.com	Certified By:	
Product Type:	Ceiling (all types)		Raja S. Tannous, Laboratory Director
Date Produced:	8/5/2022	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 <sup>1</sup>	Individual VOCs of Concern <sup>2</sup>		Formaldehyde <sup>3</sup>		TVOC <sup>4</sup>
	Criterion	Compliant?	Criterion	Compliant?	Range
School Classroom	≤½ Chronic REL	YES	≤9.0 µg/m <sup>3</sup>	YES	≤ 0.5 mg/m <sup>3</sup>
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m <sup>3</sup>	YES	≤ 0.5 mg/m <sup>3</sup>

**Product Coverage<sup>5</sup>:** Not applicable

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/m<sup>3</sup>, effective Jan 1, 2012; previous limit was ≤16.5 µg/m<sup>3</sup> (*ibid.*)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m<sup>3</sup>, >0.5 – 4.9 mg/m<sup>3</sup>, and ≥5.0 mg/m<sup>3</sup>
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:** RPG Acoustical Systems selected a sample representative of its Perfecto MDF Panel - 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, 1424-001-02A-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.