



RPG Acoustical Systems, LLC
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November 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: Perfecto MDF Panel

The VOC assessment for the VOCs off-gassed by RPG Perfecto MDF 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 Perfecto MDF Panel 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 of Perfecto MDF Panel, bold type denotes actual product tested.

Table with 2 columns: Product, Description. Rows include BAD™ Template (MDF Core) and various Dado™ models (MDF Core with Veneer).



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Table 1 (continued) Products covered by testing of **Perfecto MDF Panel**, bold type denotes actual product tested.

Product	Description
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
Modffractal™	MDF Core with Veneer
Modffusor™	MDF Core with Veneer
Omniffusor® W58	MDF Core with Veneer
Omniffusor® W76	MDF Core with Veneer
Omniffusor® W84	MDF Core with Veneer
Omniffusor® W113	MDF Core with Veneer
Optistep™ W	MDF Core with Veneer
Overture® VR	MDF Core with Veneer
Perfecto® Micro Panels/Planks	MDF Core with Veneer
Perfecto® Micro SHEEN Panels/Planks	MDF Core with Veneer
Perfecto® Mini Panels/Planks	MDF Core with Veneer
Perfecto® Matrix 4 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
Perfecto® Plain Flat Panels	MDF Core with Veneer
Planarform™ Reflector W	MDF Core with Veneer
QRD 734®	MDF Core with Veneer
QRD 734F®	MDF Core with Veneer
VariDoor™	MDF Core with Veneer
Waveform® Gaussian W	MDF Core with Veneer
Waveform® Monoradial W	MDF Core with Veneer
Waveform® SplineW	MDF Core with Veneer



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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 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 ≤ 0.5 mg/m³.

This is based on the modeled scenario for an indoor office environment of 30.6 m³ and classroom environment of 231 m³.

A handwritten signature in black ink on a light-colored background. The signature is cursive and reads 'Kenneth W. Fussner'.

Kenneth W. Fussner
Executive VP Sales

RPG MDF Veneer Products CDPH Declaration Letter 042026