

HPD UNIQUE IDENTIFIER: 18549781627904

CLASSIFICATION: 09 51 26 Acoustical Wood Ceilings

PRODUCT DESCRIPTION: This HPD covers the product lines: FlutterFree, FlutterFree T, and FlutterFree W unfinished solid wood products. The phase grating surface of the FlutterFree is designed to provide a more uniform ambient sound field through high-frequency diffusion while the solid wood construction of the unit limits the amount of sound energy that is removed by absorption. It has become a classic shape in architectural acoustics; from its beginnings, over 20 years ago it can now be found in a church, theater, and recording studio spaces all over the world. Its durability and a broad selection of finishes also make it a logical choice for music education facilities, auditoriums, and performing arts facilities. FlutterFree is available in a wide variety of finishes, including natural hard and softwoods, custom finishes to match any manufacturer's color code. It can be mounted to virtually any surface and can be configured to offer low-frequency absorption.

 Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
☒ Nested Materials Method	☒ 100 ppm	Completed in 1 of 1 Materials	Characterized ☒ Yes ☐ No
☐ Basic Method	☐ 1,000 ppm	Explanation(s) provided for Residuals/Impurities?	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☒ Yes ☐ No	Screened ☒ Yes ☐ No
☐ Material	☐ Other		<i>Provided screening results using HPDC-approved methods.</i>
☒ Product			Identified ☒ Yes ☐ No
			<i>Provided name and CAS RN or other identifier.</i>

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

NESTED MATERIAL | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*

GREENSCREEN SCORE | HAZARD TYPE

SOLID WOOD [**SOLID WOOD HARDWOOD OR SOFTWOOD SPECIES**]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [BiologicalMaterial]

Residuals and impurities are considered in accordance with the HPD Best Practice Guidance, version 2023-07-20 “The threshold applied to Residuals and Impurities (R/I) is the same as the threshold applied to intentionally added substances, in terms of level, i.e., 100 ppm or 1000 ppm. Residuals and impurities present below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data as declared in the common product database or in peer-reviewed scientific articles. For this product, no actual material has been tested therefore residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: Inherently non-emitting source per LEED

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4 Option 2.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?
☐ Yes
☒ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2025-07-02
PUBLISHED DATE: 2025-07-01
EXPIRY DATE: 2028-07-02

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

SOLID WOOD		%: 100.0000	
PRODUCT THRESHOLD: 100 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Wood or Lumber
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are considered in accordance with the HPD Best Practice Guidance, version 2023-07-20 “The threshold applied to Residuals and Impurities (R/I) is the same as the threshold applied to intentionally added substances, in terms of level, i.e., 100 ppm or 1000 ppm. Residuals and impurities present below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data as declared in the common product database or in peer-reviewed scientific articles. For this product, no actual material has been tested therefore residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material.			
OTHER MATERIAL NOTES: RPG Acoustic FlutterFree products lines are available unfinished so they can be field finished or with a custom color. Because custom colors are job-specific and therefore not standard, this HPD is for the base unfinished solid wood product only.			

SOLID WOOD HARDWOOD OR SOFTWOOD SPECIESID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 100.0000	GreenScreen: Not Required	RC: UNK	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Tree-based materials				
INGREDIENT DESCRIPTION: RPG typically using common American wood species, soft wood or hardwood				
MATERIAL CONTENT NOTES: Residuals and impurities are considered in accordance with the HPD Best Practice Guidance, version 2023-07-20 “The threshold applied to Residuals and Impurities (R/I) is the same as the threshold applied to intentionally added substances, in terms of level, i.e., 100 ppm or 1000 ppm. Residuals and impurities present below the declared Inventory Threshold do not need to be reported on the HPD.” This includes average data as declared in the common product database or in peer-reviewed scientific articles. For this product, no actual material has been tested therefore residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material.				
This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.				

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	Inherently non-emitting source per LEED	
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: This is not a facility-based declaration. CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: Per LEED v4.1 unfinished wood is a non-emitting source of VOCs. Per LEED Credit: EQ Credit: Low-Emitting Materials	ISSUE DATE: 2025-07-01 00:00:00 EXPIRY DATE:	CERTIFIER OR LAB: None

VOC EMISSIONS	CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: This is not a facility-based declaration. CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: Testing includes FlutterFree related products: Planks, T-Planks, W-Planks, Skyline W76, T-Trim, L-Trim, Solid Wood Trims	ISSUE DATE: 2022-09-06 00:00:00 EXPIRY DATE:	CERTIFIER OR LAB: Berkley Analytical

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

FlutterFree can be installed on either ceilings or walls. The regional building codes and architectural specifications shall determine the accessories needed for the installation of this product.

1. FlutterFree-T is best-mounted perpendicular to wood battens for wall or ceiling mounting. Batten spacing should be no more than 16" on center. The mounting can be configured to integrate both mid and low-frequency absorption to further enhance the acoustical attributes for more demanding applications. See details below under the Drawings tab.

2. FlutterFree-W is best mounted perpendicular to Waveform ribs for wall or ceiling mounting. Rib spacing should be no more than 16" on center. The mounting can be configured to integrate low frequency absorption to further enhance the acoustical attributes for the most demanding applications. See details below under the Drawings tab.

3. FlutterFree is best mounted perpendicular to wood battens for wall or ceiling mounting. Batten spacing should be no more than 16" on center. The mounting can be configured to integrate both mid and low frequency absorption to further enhance the acoustical attributes for more demanding applications. See details below under the Drawings tab.

Please consult the architectural drawings and specifications for the exact accessories and hanging methods needed.

This HPD is performed with the best available data and any notable errors should be considered human error.

Residuals and impurities are considered in accordance with the HPD Best Practice Guidance, version 2023-07-20

"The threshold applied to Residuals and Impurities (R/I) is the same as the threshold applied to intentionally added substances, in terms of level, i.e., 100 ppm or 1000 ppm. Residuals and impurities present below the declared Inventory Threshold do not need to be reported on the HPD."

This includes average data as declared in the common product database or in peer-reviewed scientific articles. For this product, no actual material has been tested therefore residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material.

MANUFACTURER INFORMATION

MANUFACTURER: **RPG Acoustical Systems LLC**
ADDRESS: **99 South Street**
Passaic, New Jersey 07055
COUNTRY: **United States**

WEBSITE: **www.rpgacoustic.com**
CONTACT NAME: **Ken Fussner**
TITLE: **Executive VP of Sales and Marketing**
PHONE: **973-916-1166 Ext. 4000**
EMAIL: **KFussner@rpgacoustic.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold	Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold	Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold	Substances listed individually per threshold indicated per product

Nano	Composed of nano scale particles or nanotechnology
Third Party Verified	Verification by independent certifier approved by HPDC
Preparer	Third party preparer, if not self-prepared by manufacturer
Applicable facilities	Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and

