

Manufacturer's Declaration of Product Compliance with VOC Emissions Testing

The California Department of Public Health (CDPH), Standard Method for Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, version 1.2-2017 (CDPH Standard Method v1.2-2017) is widely referenced by green building standards and sustainable materials frameworks to demonstrate compliance with volatile organic compounds (VOC) emissions limits. For example, it meets the requirements of the LEED v4/4.1 EQ credit: *Low-Emitting Materials*.

The ROCKWOOL products listed in Table 1 comply with the CDPH Standard Method v1.2-2017, Section 4, for the specified scenarios. This compliance applies to products used in wall applications only.

Table 1: ROCKWOOL Products Scenario Compliance Summary

ROCKWOOL Product	Thickness	Scenario	
		Classroom	Private Office
Unfaced			
Cavityrock®	≤4.0" (102mm)	Yes	No
Comfortboard® 80	≤2.0" (52mm)	Yes	No
Comfortboard® 110	≤1.25" (32mm)	Yes	No
Fabrock™ LT	≤4.0" (102mm)	Yes	No
Plus™ MB	≤6.0" (152mm)	Yes	No
Rockboard® 40	≤4.0" (102mm)	Yes	No
Rockboard® 60	≤2.0" (52mm)	Yes	No
ROXUL Safe® 45	≤1.0" (25mm)	Yes	No
ROXUL Safe® 55	≤4.0" (102mm)	Yes	No
ROXUL Safe® 65	≤3.0" (76mm)	Yes	No
Faced			
Cavityrock® Black	≤3.0" (76mm)	Yes	No
Curtainrock® 40 RFF	≤4.0" (102mm)	Yes	No
Curtainrock® 80 RFF	≤3.0" (76mm)	Yes	No
Rockboard® 40 RFF	≤2.5" (64mm)	Yes	No

The scope of this document is limited to ROCKWOOL insulation products that are not covered by the UL GREENGUARD Gold program. For more information, please contact ROCKWOOL Technical Services.

CDPH Standard Method v1.2-2017, which encompasses a range of building materials used on the interior side of waterproofing membranes or air- and water-resistive barriers, including insulation, predicts VOC concentrations in indoor environments. It uses standardized scenarios defined as school classrooms (classroom) and private offices in public/commercial buildings (private office), as well as the flow rate of outdoor air.



The range of total VOCs (TVOC) after 14 days (336 hours) was measured to be 0.5 mg/m³ or less, as specified in the CDPH Standard Method v1.2-2017.

Breadth of Claim

Not all products listed in Table 1 were subjected to direct testing. Instead, the majority were evaluated through comparative analysis against a selection of reference-tested products, listed in Table 2 below. The reference-tested products represent "worst-case" scenario for VOC emissions concentrations, for the range of products within the scope of this declaration.

This declaration adheres to the principles outlined in ISO 14021 (2001) and follows the CDPH Standard Method v1.2-2017, Section 8 Guidelines for Use of Standard Method as a Basis for a Building Product Claim.

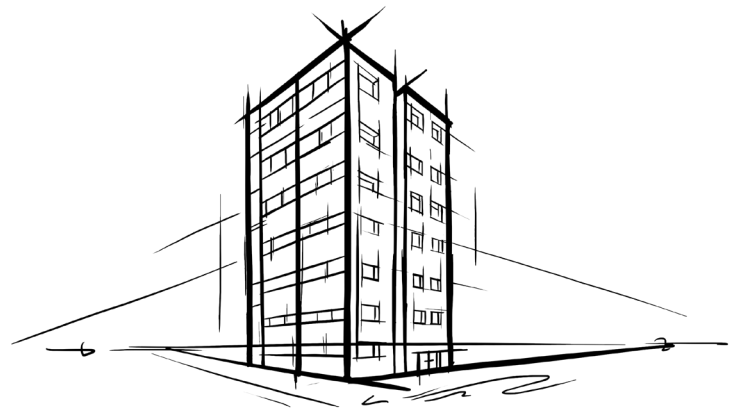
Table 2: Reference Tested Products


Product	Thickness	Test Report No.	Test Report Date
Cavityrock® Black	3.0" (76mm)	1002125475-6624178	December 1, 2023
Comfortboard® 80	2.0" (52mm)	1002076779-6491094	October 18, 2023
Curtainrock® 80 RFF	3.0" (76mm)	1002174756-6827897	February 27, 2024


Testing was conducted by UL Environment (accreditation: ISO/IEC 17025, no. AT-1297)

Quality Control

ROCKWOOL maintains a comprehensive documented quality control (QC) plan for the production of the listed building products, which includes rigorous in-plant quality control testing to ensure ongoing compliance with established standards.



 To access ROCKWOOL's sustainability certifications, visit the **Product Transparency page**³ at rockwool.com

 To get in touch with the ROCKWOOL Technical Services team, visit rockwool.com/north-america/contact/³ or call at 1-877-823-9790

Disclaimer of Liability

Any technical information transmitted herewith is for general illustration purposes only. Actual results may vary depending on a number of independent factors specific to the given end-use application including, but not limited to, design, workmanship, materials, geographic, environmental, and other specific or unique end use conditions. As a result, any technical information transmitted herewith is provided "as is" and without any performance or other warranty as to the end use of such information.