

## **LEED v4 EQ Credit Low-Emitting Materials Third Party Certifications and Labels**

June 16, 2017

The following table lists acceptable certifications and programs for EQ Credit Low Emitting Materials. This list will be updated often to add programs as they become eligible. Note that the LEED v4 credit also requires reporting on TVOC levels. The programs deemed acceptable may already include this information—if they do not, project teams must request this additional information.

Certification or Program	Program Documents and Revision Dates	Testing Standard Referenced in Credit	Emissions and Content Requirements Eligibility			
			General Emissions Evaluation	VOC Content for Wet-Applied	Composite Wood Evaluation	Furniture Evaluation
BIFMA level (if 7.6.1 and/or 7.6.2 were achieved)	ANSI/BIFMA e3-2011 11/17/11	ANSI/BIFMA M7.1-2011				Yes
FloorScore	SCS-EC10.3-2014 September 2015	CDPH Standard Method v1.1	Yes Hard surface flooring and flooring adhesives			
Green Label Plus	Process and Procedures Manual 11/10/2015	CDPH Standard Method v1.1	Yes Carpet, adhesive and cushion			
Intertek ETL Environmental VOC	<a href="#">A2LA accreditation</a> 3/15/2016	ANSI/BIFMA M7.1-2011				Yes (ANSI/BIFMA e3-7.6.1)
Intertek ETL Environmental VOC+	<a href="#">A2LA accreditation</a> 3/15/2016	CDPH Standard Method v1.1	Yes			
		ANSI/BIFMA M7.1-2011				Yes (ANSI/BIFMA e3-7.6.2)
MAS Certified Green	MAS CG Program Summary Dec 2012	CDPH Standard Method v1.1	Yes			
		CARB or SCAQMD		Yes		
		ANSI/BIFMA M7.1-2011				Yes
NSF/ ANSI 332	NSF 332-2015 Jan 2015	CDPH Standard Method v1.1	Yes resilient flooring			

Certification or Program	Program Documents and Revision Dates	Testing Standard Referenced in Credit	Emissions and Content Requirements Eligibility			
			General Emissions Evaluation	VOC Content for Wet-Applied	Composite Wood Evaluation	Furniture Evaluation
SCS Indoor Advantage Gold—Building Materials	SCS-EC10.3-2014 September 2015	CDPH Standard Method v1.1	Yes			
		CARB or SCAQMD		Yes		
SCS Indoor Advantage —Furniture	SCS-EC10.3-2014 September 2015	ANSI/BIFMA M7.1-2011				Yes (ANSI/BIFMA e3 7.6.1)
SCS Indoor Advantage Gold—Furniture	SCS-EC10.3-2014 September 2015	ANSI/BIFMA M7.1-2011				Yes (ANSI/BIFMA e3 7.6.2)
TPC list CARB ULEF label or CARB Exempt	Per <a href="#">CARB website</a>	Composite Wood Products Regulation			Yes	
UL Greenguard Certified	UL 2818 3/14/2014 and UL 2821 3/14/2014	ANSI/BIFMA M7.1-2011				Yes (ANSI/BIFMA e3 7.6.1)
UL Greenguard Gold	UL 2818 3/14/2014 and UL 2821 3/14/2014	CDPH Standard Method v1.1	Yes			
		ANSI/BIFMA M7.1-2011				Yes (ANSI/BIFMA e3 7.6.2)
Acceptable for first party claims						
Berkeley Analytical ClearChem	BKA-CC-01.2 8/31/2015	CDPH Standard Method v1.1	Yes			
		CARB or SCAQMD		Yes		
Collaborative for High Performance Schools (CHPS)	Procedures and Standards for Product Inclusion Version 2.0 + July 2012 CHPS Criteria Interpretation 7/1/2012	CDPH Standard Method v1.1	Yes products with self-certified claims but excluding products recognized only via CHPS approved third-party certifications			

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For projects outside the U.S.						
Blue Angel Floor Covering Adhesives and other Installation Materials	RAL UZ 113 May 2009	AgBB	Yes** (if additional low formaldehyde requirement is also met)			
Blue Angel Elastic floorings	RAL UZ 120 April 2010	AgBB	Yes** (if additional low formaldehyde requirement is also met)			
Blue Angel Textile floorings	RAL UZ 128 July 2011	AgBB	Yes** (if additional low formaldehyde requirement is also met)			
Blue Angel Thermal Insulation Material and Suspended Ceilings	RAL UZ 132 Oct 2010	AgBB	Yes** (if additional low formaldehyde requirement is also met)			
Blue Angel Flooring underlays (cushion)	RAL UZ 156 Feb 2011	AgBB	Yes** (if additional low formaldehyde requirement is also met)			
eco-INSTITUT-Label	Construction products & floor coverings March 2015	AgBB	Yes** (if additional low formaldehyde requirement is also met)			
EMICODE EC1	07/28/2010	AgBB	Yes** (if additional low formaldehyde requirement is also met. EMICODE has formaldehyde limit of 50 µg/m³ after 3 days)	Yes***		
EMICODE EC1 <sup>PLUS</sup>	7/28/2010	AgBB+ low formaldehyde requirement	Yes***	Yes***		
GUT	GUT Test Criteria 2011	AgBB + low formaldehyde requirement	Yes textile floorings			

Certification or Program	Program Documents and Revision Dates	Testing Standard Referenced in Credit	Emissions and Content Requirements Eligibility			
			General Emissions Evaluation	VOC Content for Wet-Applied	Composite Wood Evaluation	Furniture Evaluation
Indoor Air Comfort GOLD	Indoor Air Comfort v3.1 August 2011	AgBB + low formaldehyde requirement	Yes			
Blue Angel Composite wood panels	RAL-UZ 76 Apr 2011	EN-717-1:2004			Yes	
Byggvarubedömningen (BVB)	November 9, 2011	EN-717-1:2004			Yes, Recommended criteria met in 8.3	
French VOC emissions labeling	March 25, 2012	ISO 16000			Yes, Class A or A+	
Finnish Emission Classification of Building Materials	Version 22.1.2015	ISO 16000 + low formaldehyde requirement	Yes, M1			
	LVI 05-10440 en	EN-717-1:2004			Yes, M1	
TÜVRheinland Green Product Mark Furniture	2PFG E1992:12.2012	ANSI/BIFMA M7.1-2011				Yes (ANSI/BIFMA e3 7.6.1)

\*\*The formaldehyde limit of 10 µg/m<sup>3</sup> at 28 days must also be met when using the AgBB alternative, as specified for class A+ in French compulsory VOC emission class labeling.

\*\*\*Additional information regarding the formaldehyde limit at 28 days is not required for products meeting EMICODE EC1<sup>plus</sup>. Additionally, products meeting EMICODE EC1 or EC1<sup>plus</sup> automatically meet the wet-applied VOC content requirements, without additional documentation.