
Greenbuild
by informa
LEED v5 Materials –
Finding Your Way Out of
the Upside Down
Invest for
Impact

Course Description

This session is focused on how to successfully implement three of the LEED v5 BD+C / ID+C materials credits (Low Emitting Materials, Building Product Selection and Procurement, and Construction and Demolition Waste Diversion). This how-to session will cover credit challenges, maximizing the selection of multi-attribute materials using the Common Materials Framework, writing clear specifications, and how contractors and sub-contractors can approach materials procurement and tracking in v5.

We will share the tools and processes we have developed and provide downloadable documents as take-home content. As case studies, successful v4.1 projects have been imported into the LEED v5 materials calculator, to show the differences and challenges between the rating systems. This session will help participants navigate the material requirements and equip them with valuable tools and knowledge needed to successfully leverage the new v5 rating system.

Learning Objectives

- Integrate the Common Materials Framework and the LEED v5 BD+C / ID+C Low Emitting Materials and Building Product Selection and Procurement credits into your standard specifications, in all the right places.
- Optimize material selections for the LEED v5 BD+C / ID+C Building Product Selection and Procurement credit by leveraging multi-attribute certifications and the provided tools.
- Illustrate how contractors and subcontractors can best approach LEED v5 materials procurement and tracking, highlighting the key tools and processes needed for successful implementation.
- Adopt a spirit of collaboration and support with your design and construction team to successfully achieve LEED v5 BD+C / ID+C materials credits.

LEED v5 Materials – Finding Your Way Out of the Upside Down

Presenters:

Steven Burke, LEED + WELL Faculty, CPHC | Suffolk Construction

Lisa Goodwin Robbins, RA, CCS, LEED AP | Kalin Associates Inc.

Sarah Michelman, LEED AP BD+C, WELL AP, Fitwel Amb | The Green Engineer

Carrie Havey, LEED Fellow, SITES AP, Fitwel Amb | The Green Engineer

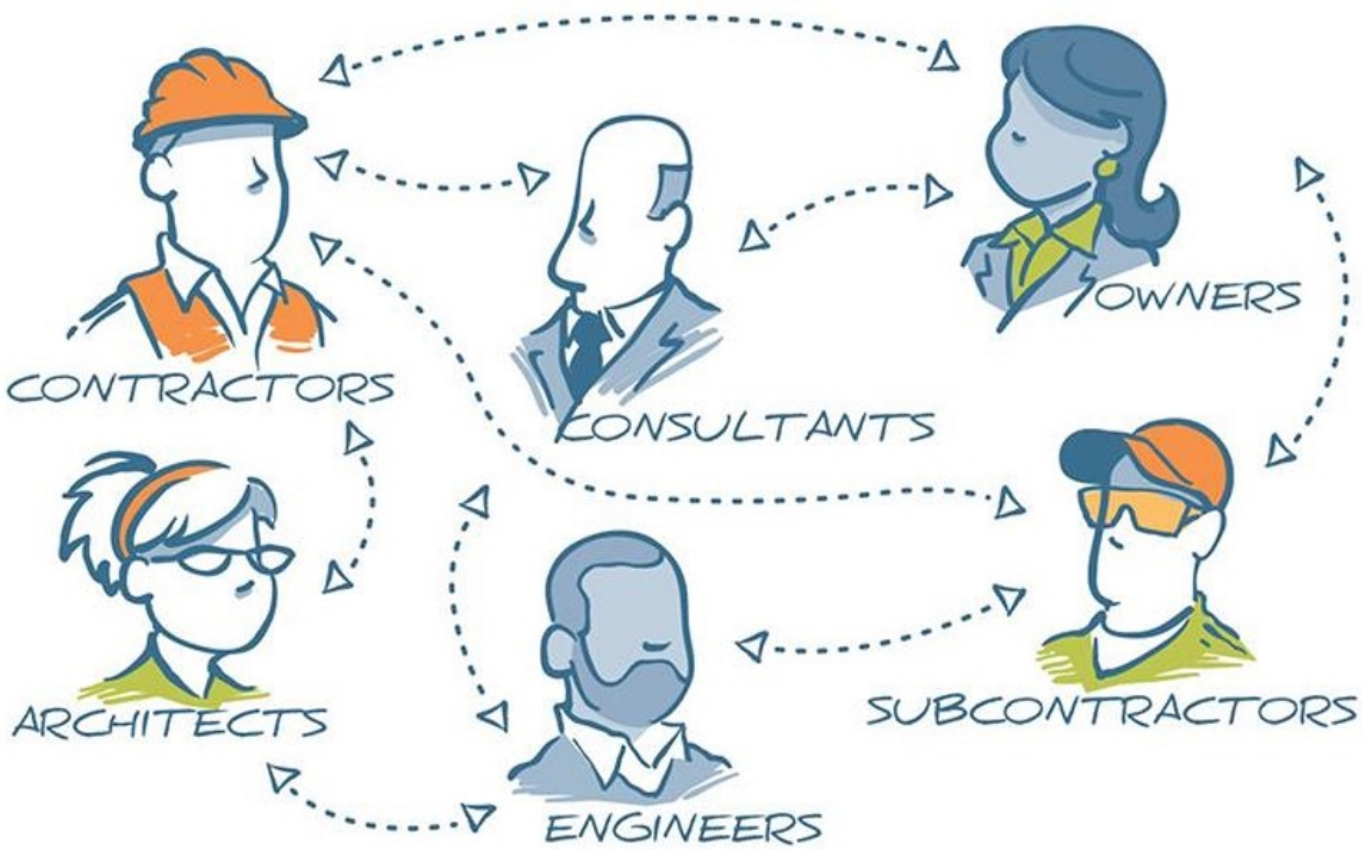
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Presentation Overview



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Collaborate with Your Team Early in Design



Common Materials Framework

The **Common Materials Framework** (CMF) is a shared language for product sustainability—built to bring clarity and alignment to a complex materials and products landscape.



The CMF is the result of a collaboration between the AIA, IWBI, USGBC, LFA and Mindful Materials, plus many volunteers.

Building Product Selection and Procurement

- Focus on products from manufacturers that **disclose** sustainability information AND **optimize** their products across **multiple criteria areas (CMF)**.



Forbo.com

Product categories:

- Paints and coatings
- Adhesives and sealants
- Flooring
- Walls
- Ceilings
- Insulation
- Furniture
- Composite wood
- Plumbing fixtures

Certifications Matrix

Eligible Product Documentation	Criteria Areas					LEED Multi-Attribute Score (max = 5)
	Human Health	Climate Health	Ecosystem Health	Social Health & Equity	Circular Economy	





Certifications Matrix

Eligible Product Documentation	Criteria Areas: Human Health	Climate Health	Ecosystem Health	Social Health & Equity	Circular Economy	LEED Multi-Attribute Score (max = 5) *multiplier*
Declare (v2.0)	1	-	-	-	-	1
Declare: Third-party Verified and Red List Free or Red List Approved (v2.0)	2	-	-	-	-	2
EPD: Product-Specific Type III	-	1	-	-	-	1
EPD: Optimized (>20% reduction in GWP)	-	2	1	-	-	3
EPD: Optimized (>40% reduction in GWP and >10% reduction in three additional impact categories)	-	3	2	-	-	5
Global Green TAG: Product Health Declaration	2	-	-	-	-	2
Green Seal GS-11 Certified	2	-	-	-	-	2
HPD: Pre-Checked for LEED, min 1000ppm	1	-	-	-	-	1
HPD: Third-Party Verified, 100ppm, Avoidance of Chemicals of High Concern	2	-	-	-	-	2

The level indicated in the criteria area is determined by the type and quality of the transparency documentation

The LEED **multi attribute score** [*multiplier*] is capped at 5 - determined by compiling the levels assigned to each CMF criteria area per documentation type.

Calculating Total Adjusted Value:

- Product A *multiplier* 1 x base value
- Product B *multiplier* 3 x base value

Compile total for compliance category

Example:
Product X is $10 and only an HPD:
multiplier 1 = $10
Product Y is $10 and has an EPD & 3rd party verified HPD:
multiplier 3 = $30

Adjusted product category value: $40
Base product category value: $20
$40/$20 = 200%

Low Emitting Materials

- Interior paints and coatings (>90%)
- Flooring (>90%)
- Ceilings (>90%)
- Interior adhesives and sealants (>80%)
- Walls (>80%)
- Insulation (>80%)
- Composite Wood (>80%)

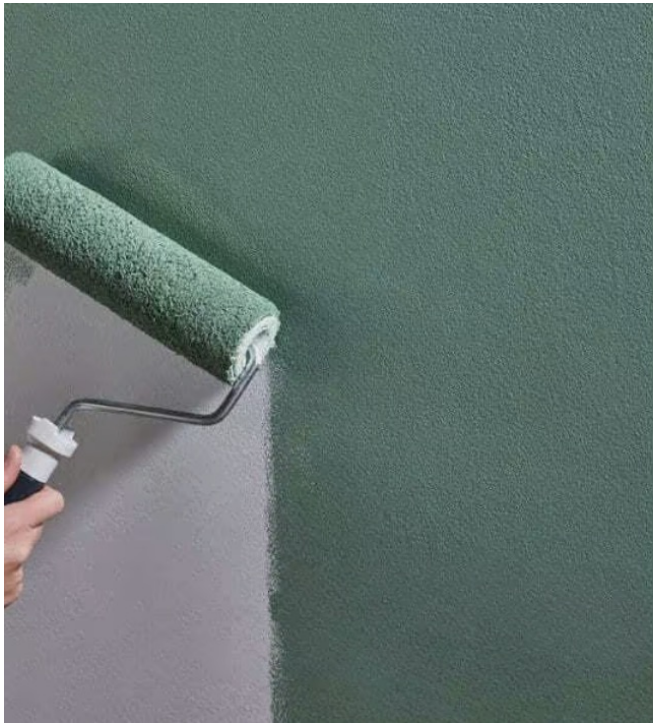
  OR

- Furniture (>80%) – 2 points

Path 1: All 3 = 1 point

Path 2: Path 1 + at least 2 = 2 points

Path 3: Path 1 + furniture = 2 points



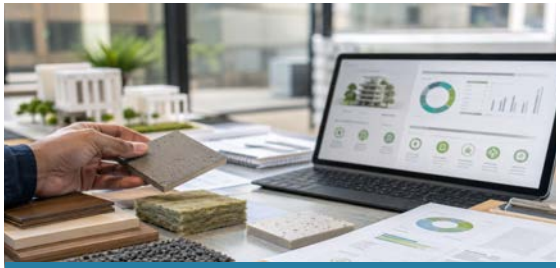
www.neverpaintagain.co.uk

LEED v5: Same Inputs, New Weighting

WHAT STAYS FAMILIAR

- **EPDs**
- **Health Transparency**
- **Emissions Evaluations**
- **FSC Wood Certification**
- **Take Back Programs**

LEED v5 WEIGHTING



SAME DOCUMENTATION DIFFERENT POINT VALUES

TAKEAWAY: LEED v5 materials should not feel dramatically different. Strategic work is maximizing the highest-value products under the new weighting system.

WHAT CHANGES

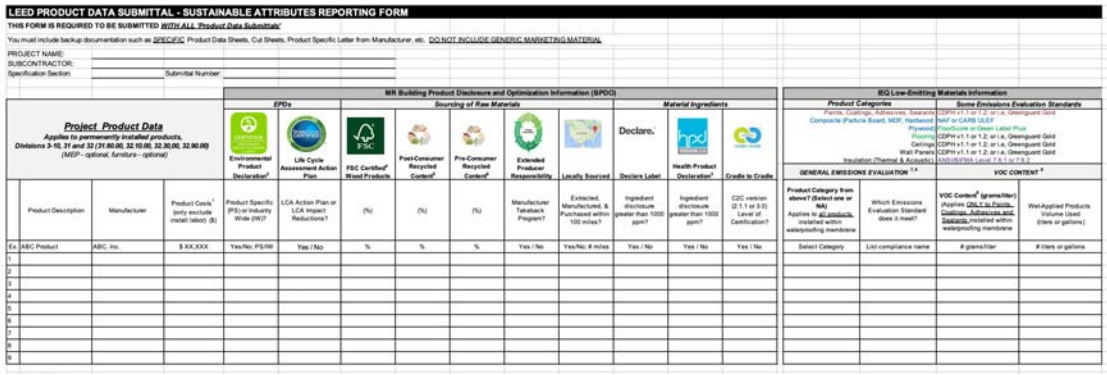
- **Add material reuse into data collection** — ADD
- **Remove VOC content from data reporting** — REMOVE
- **Broadened wood pathways** — EXPAND
- **Additional certifications added** — EXPAND

LEED v4

Before | LEED v4 Submittal Cover Sheet

LEED v4 Reporting Form

BEFORE



LEED PRODUCT DATA SUBMITTAL - SUSTAINABLE ATTRIBUTES REPORTING FORM

THIS FORM IS REQUIRED TO BE SUBMITTED *WITH ALL 'Product Data Submittals'*

You must include backup documentation such as *SPECIFIC* Product Data Sheets, Cut Sheets, Product Specific Letter from Manufacturer, etc. DO NOT INCLUDE GENERIC MARKETING MATERIAL

PROJECT NAME:
SUBCONTRACTOR:
Specification Section: Submittal Number:

MR Building Product Disclosure and Optimization Information (BPDO)

EPDs | Sourcing of Raw Materials | Material Ingredients

EQ Low-Emitting Materials Information

Product Categories | Some Emissions Evaluation Standards

Paints, Coatings, Adhesives, Sealants: CDPH v1.1 or 1.2; or i.e. Greenguard Gold
Composite (Particle Board, MDF, Hardwood Plywood): NAF or CARB ULEF
Flooring: FloorScore or Green Label Plus
Ceilings: CDPH v1.1 or 1.2; or i.e. Greenguard Gold
Wall Panels: CDPH v1.1 or 1.2; or i.e. Greenguard Gold
Insulation (Thermal & Acoustic): ANSI/BIFMA Level 7.6.1 or 7.6.2

Project Product Data
Applies to permanently installed products, Divisions 3-10, 31 and 32 (21.60.00, 32.10.00, 32.30.00, 32.90.00)
(MEP - optional, furniture - optional)

GENERAL EMISSIONS EVALUATION [1,2] | VOC CONTENT [3]

	Product Description	Manufacturer	Product Costs[1] (only exclude install labor) ($)	Environmental Product Declaration[2]	Life Cycle Assessment Action Plan	FSC Certified[4] Wood Products	Post-Consumer Recycled Content[5]	Pre-Consumer Recycled Content[6]	Extended Producer Responsibility	Locally Sourced	Declare Label	Health Product Declaration[7]	Cradle to Cradle	Product Category from above? (Select one or NA) Applies to all products installed within waterproofing membrane	Which Emissions Evaluation Standard does it meet?	VOC Content[8] (grams/liter): (Applies ONLY to Paints, Coatings, Adhesives and Sealants installed within waterproofing membrane	Wet-Applied Products Volume Used (liters or gallons)
Ex	ABC Product	ABC, Inc.	$ XX,XXX	Yes/No; PS/IW	Yes / No	%	%	%	Yes / No	Yes/No; # miles	Yes / No	Yes / No	Yes / No	Select Category	List compliance name	# grams/liter	# liters or gallons
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	

NOTICE 1 **No dedicated reuse field**

Materials and Resources Information								
EPDs	*Sourcing of Raw Materials*					*Material Ingredients*		
Environmental Product Declaration (EPD)[1,2]	FSC Certified[4] Wood Products? (%)	Post-Consumer Recycled Content[5] (%)	Pre-Consumer Recycled Content[6] (%)	Extended Producer Responsibility (Manf. Takeback program)?	Bio-based material?	Delclare Label with ingredient disclosure greater than 1000 ppm?	HPD to 1000 ppm Declaration[7] included?	C2C version 3 Level of Certification
PS / IW	%	%	%	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No

NOTICE 2 **VOC content is collected**

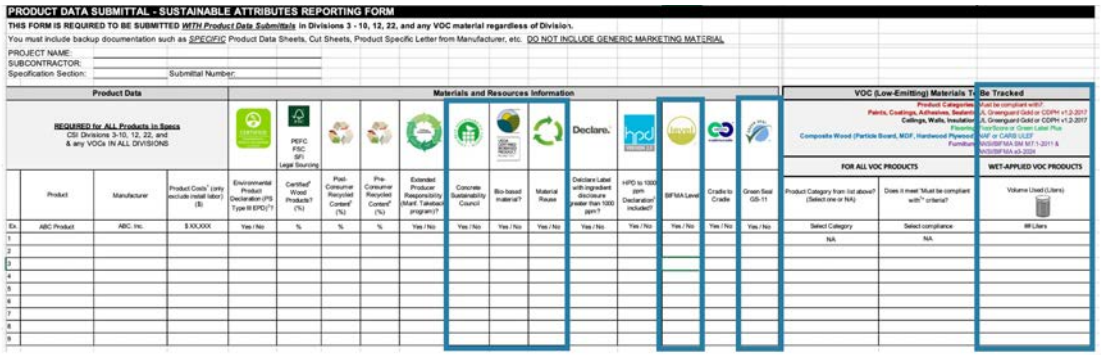
WET-APPLIED VOC PRODUCTS ONLY	
VOC Content[8] (grams/liter) (Applies **ONLY** to Paints, Coatings, Adhesives and Sealants)	Volume Used (Liters)
## grams/liter	## Liters

LEED v5

After | LEED v5 Submittal Cover Sheet

LEED v5 Reporting Form

AFTER



PRODUCT DATA SUBMITTAL - SUSTAINABLE ATTRIBUTES REPORTING FORM

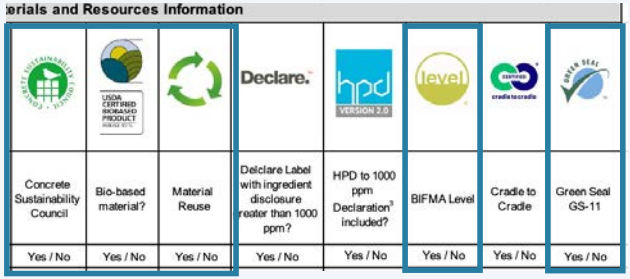
THIS FORM IS REQUIRED TO BE SUBMITTED *WITH Product Data Submittals* in Divisions 3 - 10, 12, 22, and any VOC material regardless of Division.

You must include backup documentation such as *SPECIFIC* Product Data Sheets, Cut Sheets, Product Specific Letter from Manufacturer, etc. DO NOT INCLUDE GENERIC MARKETING MATERIAL

PROJECT NAME:
SUBCONTRACTOR:
Specification Section: Submittal Number:

Product Data			Materials and Resources Information												VOC (Low-Emitting) Materials To Be Tracked		
REQUIRED for ALL Products in Specs CSI Divisions 3-10, 12, 22, and & any VOCs IN ALL DIVISIONS															Product Categories: Must be compliant with7: Paints, Coatings, Adhesives, Sealants: UL Greenguard Gold or CDPH v1.2-2017; Ceilings, Walls, Insulation: UL Greenguard Gold or CDPH v1.2-2017; Flooring: FloorScore or Green Label Plus; Composite Wood (Particle Board, MDF, Hardwood Plywood): NAF or CARB ULEF; Furniture: ANSI/BIFMA SM M7.1-2011 & ANSI/BIFMA e3-2024		
	Product	Manufacturer	Product Costs* (only exclude install labor) ($)	Environmental Product Declaration (PS Type III EPD)[1]	Certified[2] Wood Products? (%)	Post-Consumer Recycled Content[3] (%)	Pre-Consumer Recycled Content[3] (%)	Extended Producer Responsibility (Manf. Takeback program)?	Concrete Sustainability Council	Bio-based material?	Material Reuse	Declare Label with ingredient disclosure greater than 1000 ppm?	HPD to 1000 ppm Declaration[3] included?	BIFMA Level	Cradle to Cradle	Green Seal GS-11	FOR ALL VOC PRODUCTS: Product Category from list above? (Select one or NA)	FOR ALL VOC PRODUCTS: Does it meet 'Must be compliant with7' criteria?	WET-APPLIED VOC PRODUCTS: Volume Used (Liters)
Ex.	ABC Product	ABC, Inc.	$ XX,XXX	Yes / No	%	%	%	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Select Category	Select compliance	## Liters
1																	NA	NA	
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			

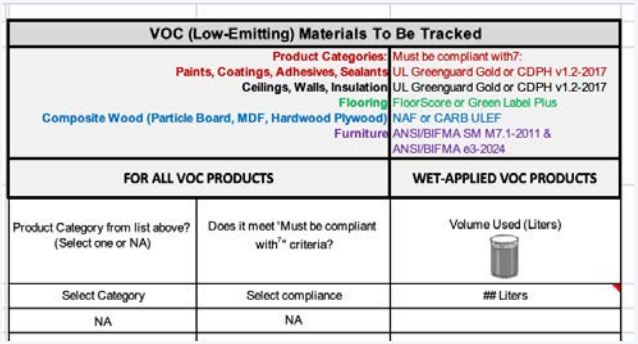
ADDED **Revised Material Data**



erials and Resources Information

Concrete Sustainability Council	Bio-based material?	Material Reuse	Declare Label with ingredient disclosure greater than 1000 ppm?	HPD to 1000 ppm Declaration[3] included?	BIFMA Level	Cradle to Cradle	Green Seal GS-11
Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No

REMOVED **VOC content N/A**



VOC (Low-Emitting) Materials To Be Tracked	
Product Categories:	Must be compliant with7:
Paints, Coatings, Adhesives, Sealants:	UL Greenguard Gold or CDPH v1.2-2017
Ceilings, Walls, Insulation:	UL Greenguard Gold or CDPH v1.2-2017
Flooring:	FloorScore or Green Label Plus
Composite Wood (Particle Board, MDF, Hardwood Plywood):	NAF or CARB ULEF
Furniture:	ANSI/BIFMA SM M7.1-2011 & ANSI/BIFMA e3-2024

FOR ALL VOC PRODUCTS		WET-APPLIED VOC PRODUCTS
Product Category from list above? (Select one or NA)	Does it meet 'Must be compliant with7' criteria?	Volume Used (Liters)
Select Category	Select compliance	## Liters
NA	NA	

School Case Study – LEED v4 vs LEED v5

LEED v5 Building Products Calculator Summary Tab

LEED v5 Building Products Calculator
LEED for Building Design and Construction | Interior Design and Construction

Summary

LEED V5

Project Type — New Construction

MR CREDIT MATERIAL

			Low-Emitting Materials				Building Product Selection and Procurement			
Product Category	Unit of Measure	Total Value	Total Applicable	Qualifying Products (%)	Threshold requirement	Meets Threshold	BPSP Adjusted Value	Optimized Product Category (%)	Threshold requirement	Meets Threshold
Paints and coatings	Cost - $	263500	263500	80%	90%	NO	125000	47%	100%	NO
Adhesives and sealants	Cost - $	188329	188329	67%	80%	NO	140463	75%	100%	NO
Flooring	Cost - $	632478	632478	81%	90%	NO	771499.5	122%	100%	YES
Ceilings	Cost - $	280500	280500	100%	90%	YES	627242.5	224%	100%	YES
Walls	Cost - $	16700000	16700000	10%	80%	NO	2756561.275	17%	100%	NO
Insulation	Cost - $	537112	537112	100%	80%	YES	652582	121%	100%	YES
Furniture	Select - -	0	0	0%	80%	-	0	0%	100%	-
Composite wood	Cost - $	0	0	0%	80%	-	0	0%	100%	-
Plumbing fixtures	Select - -	0	0				0	0%	100%	-
			Points	0			Points	3		

DIDN'T MEET

EARNED 3 POINTS

School Case Study – LEED v4 vs LEED v5

LEED v5 Building Products Calculator
LEED for Building Design and Construction | Interior Design and Constructi

Summary

LEED V5

Project Type	New Construction

MR CREDIT MATERIAL

			Building Product Selection and Procurement			
Product Category	Unit of Measure	Total Value	BPSP Adjusted Value	Optimized Product Category (%)	Threshold requirement	Meets Threshold
Paints and coatings	Cost - $	263500	125000	47%	100%	NO
Adhesives and sealants	Cost - $	188329	140463	75%	100%	NO
Flooring	Cost - $	632478	771499.5	122%	100%	YES
Ceilings	Cost - $	280500	627242.5	224%	100%	YES
Walls	Cost - $	16700000	2756561.275	17%	100%	NO
Insulation	Cost - $	537112	652582	121%	100%	YES
Furniture	Select - -	0	0	0%	100%	-
Composite wood	Cost - $	0	0	0%	100%	-
Plumbing fixtures	Select - -	0	0	0%	100%	-

Points	3

School Case Study – LEED v4 vs LEED v5

	BASE VALUE	Individual Product Results						
		Human Health	Climate Health	Ecosystem Health	Social Health and Equity	Circular Economy	Multi-Attribute Score (Max 5)	BPSP Adjusted Value
Flooring	104800	0	0	0	0	0.00	0.00	0
Flooring	2400	0	0	0	0	0.00	0.00	0
Flooring	35101	2	1	0	0	0.00	3.00	105303
Flooring	41,729	1	0	0	0	0.00	1.00	41729
Flooring	22709	0	0	0	0	0.00	0.00	0
Flooring	19900	0	0	0	0	0.00	0.00	0
Flooring	104179	1	1	0	0	0.50	2.50	260448
Flooring	18610	1	1	0	0	0.00	2.00	37220
Flooring	163,400.00	1	1	0	0	0.00	2.00	326800

School Case Study – LEED v4 vs LEED v5

Building Products List and Compliance Inputs - FLOORING

Flooring	Resilient flooring	Sportflex 6mm	104800	Select	Select	Select	Select	0	0	0	0	0.00	0.00	0
Flooring	Resilient flooring	Sportflex 12mm	2400	Select	Select	Select	Select	0	0	0	0	0.00	0.00	0
Flooring	Carpeting	Live Circuit	35101	EPD: Product-Specific Type III	HPD: Third-Party Verified, 100ppm, Avoidance of Chemicals of High Concern	Select	Select	2	1	0	0	0.00	3.00	105303
Flooring	Carpeting	Elevation True North	41,729	HPD: Pre-Checked for LEED, min 1000ppm	Select	Select	Select	1	0	0	0	0.00	1.00	41729
Flooring	Carpeting	Gallery Hop	22709	Select	Select	Select	Select	0	0	0	0	0.00	0.00	0
Flooring	Resilient flooring	Microtone - base	19900	Select	Select	Select	Select	0	0	0	0	0.00	0.00	0
Flooring	Resilient flooring	926 Satura Tile	104179	EPD: Product-Specific Type III	HPD: Pre-Checked for LEED, min 1000ppm	Declare (v2.0)	Biobased Content, Non-Wood (½ x verified biobased content %)	1	1	0	0	0.50	2.50	260448
Flooring	Resilient flooring	Stair Tread	18610	EPD: Product-Specific Type III	HPD: Pre-Checked for LEED, min 1000ppm	Select	Select	1	1	0	0	0.00	2.00	37220
Flooring	Resilient flooring	Linoleum - sheet	163,400.00	EPD: Product-Specific Type III	HPD: Pre-Checked for LEED, min 1000ppm	Select	Select	1	1	0	0	0.00	2.00	326800

Flooring category BPSP TOTAL ADJUSTED value: $ 771,499.50

Flooring category BPSP TOTAL BASE value: $632,478.00

To determine compliance, divide the ADJUSTED value by the BASE value = 122% (over 100%)

Fit-out Case Study – LEED v4 v LEED v5

Building Product Selection and Procurement

- Ceilings - 7 of 10 products had at least 2 attributes.
- Insulation - two products with at least 2 attributes.
- Walls - 9 of 31 products had at least 2 attributes.

New Construction

	Low-Emitting Materials				Building Product Selection and Procurement			
Product Category	Total Applicable	Qualifying Products (%)	Threshold requirement	Meets Threshold	BPSP Adjusted Value	Optimized Product Category (%)	Threshold requirement	Meets Threshold
Paints and coatings	2910	83%	90%	NO	2790	96%	100%	NO
Adhesives and sealants	77184.84	97%	80%	YES	36513.33	47%	100%	NO
Flooring	677689.44	94%	90%	YES	546711.8315	81%	100%	NO
Ceilings	819427.73	99%	90%	YES	1532942.325	187%	100%	YES
Walls	832982.45	93%	80%	YES	938095.615	112%	100%	YES
Insulation	17500	100%	80%	YES	29450	168%	100%	YES
Furniture	1304559.11	78%	80%	NO	214926.018	16%	100%	NO
Composite wood	73246	100%	80%	YES	20118.5855	27%	100%	NO
Plumbing fixtures	0				0	0%	100%	-
		Points	0			Points	3	

EARNED 3 POINTS

Fit-out Case Study – LEED v4 v LEED v5

Paints and Coatings

Four products didn't meet requirements. 83% was compliant in v4.1, but not in v5. Threshold requirement is now 90%.

New Construction

Product Category	Low-Emitting Materials				Building Product Selection and Procurement			
	Total Applicable	Qualifying Products (%)	Threshold requirement	Meets Threshold	BPSP Adjusted Value	Optimized Product Category (%)	Threshold requirement	Meets Threshold
Paints and coatings	2910	83%	90%	NO	2790	96%	100%	NO
Adhesives and sealants	77184.84	97%	80%	YES	36513.33	47%	100%	NO
Flooring	677689.44	94%	90%	YES	546711.8315	81%	100%	NO
Ceilings	819427.73	99%	90%	YES	1532942.325	187%	100%	YES
Walls	832982.45	93%	80%	YES	938095.615	112%	100%	YES
Insulation	17500	100%	80%	YES	29450	168%	100%	YES
Furniture	1304559.11	78%	80%	NO	214926.018	16%	100%	NO
Composite wood	73246	100%	80%	YES	20118.5855	27%	100%	NO
Plumbing fixtures	0				0	0%	100%	-
		Points	0		Points	3		

DIDN'T MEET

Case Studies – Totally Rad Takeaways

These credits are achievable!!



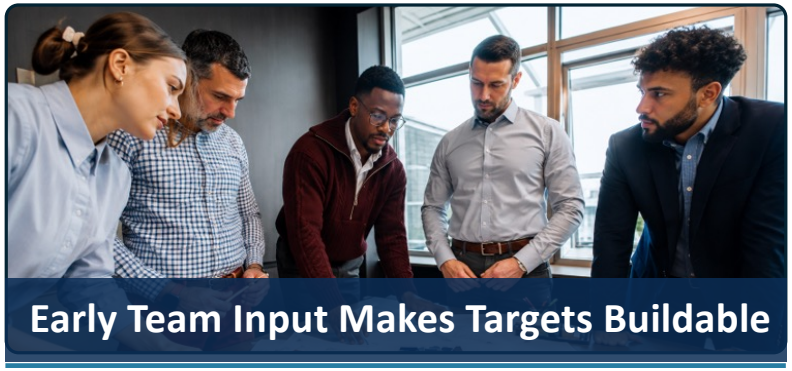
Other Weird Considerations

- USGBC added a bunch of things into “furniture” which most project teams don’t think of as FF+E.
  - Traditional FF+E is defined as, “if you shake a building, everything that falls out is furniture.”
  - USGBC defined “furniture” is permanently installed and doesn’t get tested by BIFMA.
  - Recommend to skip this credit for now, unless you’re doing CI and want to get into the weeds.



Collaboration Opportunities

1. Coordinate overlapping carbon and material requirements
2. Peer and partner input helps close gaps
3. Leverage Preconstruction when available



Early Team Input Makes Targets Buildable

Owner goals
Carbon and materials ambition

Design specifications
Coordinated language

Builder market feedback
Available supply

Buildable Carbon and Materials Strategy

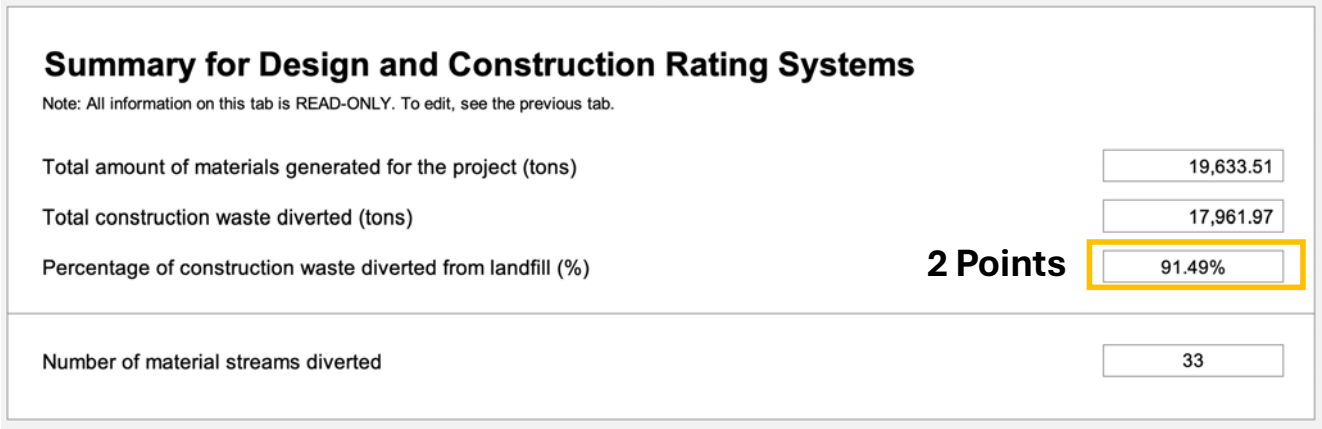
Construction and Demolition Waste Diversion

Section 017419 - Construction Waste Management and Disposal

- Plan for Waste Management
- Source Separate More
- Locate Better Recycling Facilities
- Support Local Salvage
- Use Manufacturer Take Back



C&D Waste Diversion Case Study - School

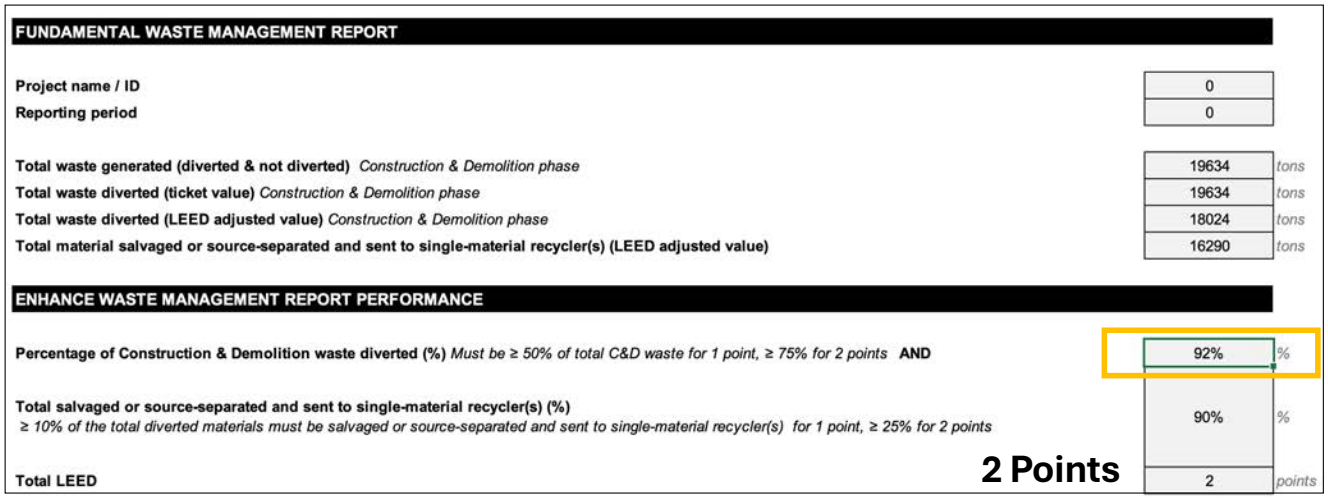


Summary for Design and Construction Rating Systems

Note: All information on this tab is READ-ONLY. To edit, see the previous tab.

Total amount of materials generated for the project (tons)	19,633.51
Total construction waste diverted (tons)	17,961.97
Percentage of construction waste diverted from landfill (%)	91.49%
Number of material streams diverted	33

2 Points



FUNDAMENTAL WASTE MANAGEMENT REPORT		
Project name / ID	0	
Reporting period	0	
Total waste generated (diverted & not diverted) *Construction & Demolition phase*	19634	tons
Total waste diverted (ticket value) *Construction & Demolition phase*	19634	tons
Total waste diverted (LEED adjusted value) *Construction & Demolition phase*	18024	tons
Total material salvaged or source-separated and sent to single-material recycler(s) (LEED adjusted value)	16290	tons
ENHANCE WASTE MANAGEMENT REPORT PERFORMANCE		
Percentage of Construction & Demolition waste diverted (%) *Must be ≥ 50% of total C&D waste for 1 point, ≥ 75% for 2 points* AND	92%	%
Total salvaged or source-separated and sent to single-material recycler(s) (%) *≥ 10% of the total diverted materials must be salvaged or source-separated and sent to single-material recycler(s) for 1 point, ≥ 25% for 2 points*	90%	%
Total LEED	2	points

2 Points

LEED v4.1

91.49% Diverted

- Commingled waste stream
- Source Separated

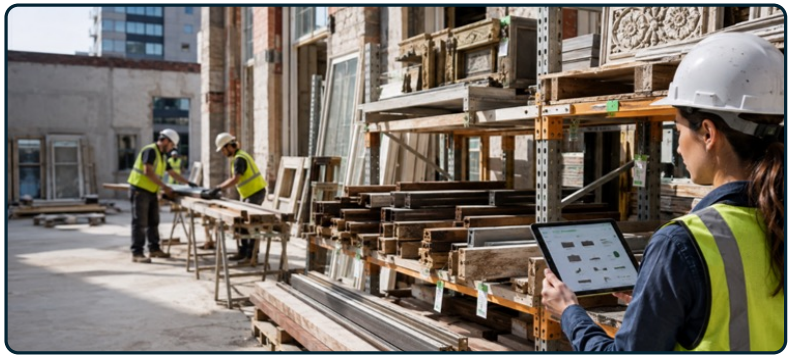
LEED v5

92% Diverted

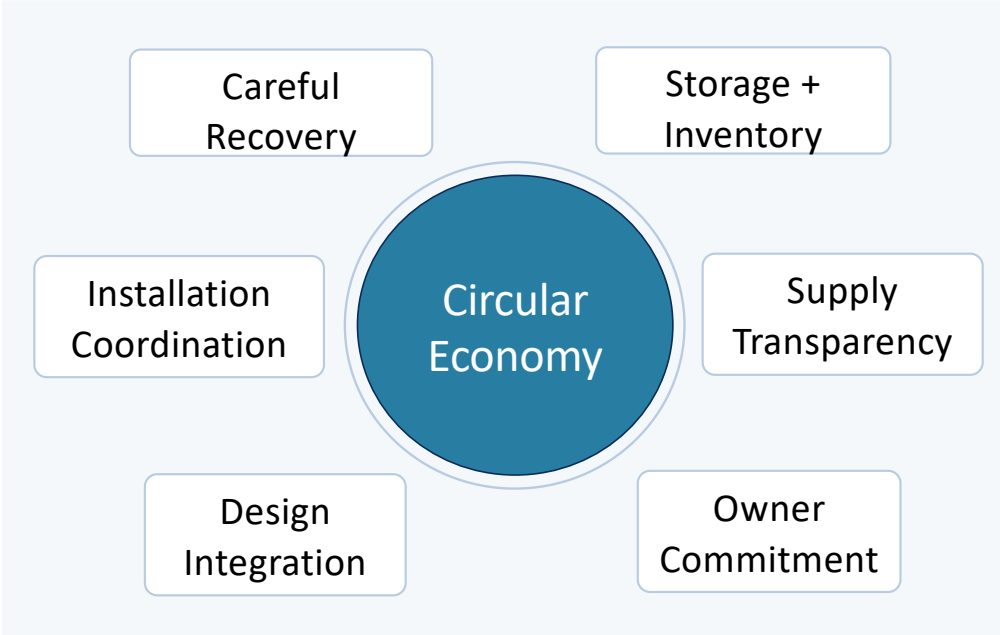
Multiple materials sent to a Third Party Verified facility.

Material Reuse: The Circular Frontier

Reuse only scales when the market infrastructure is in place.



- Reuse must be planned and coordinated
- LEED v5 helps incentivize reuse
- LEED alone will not build the market

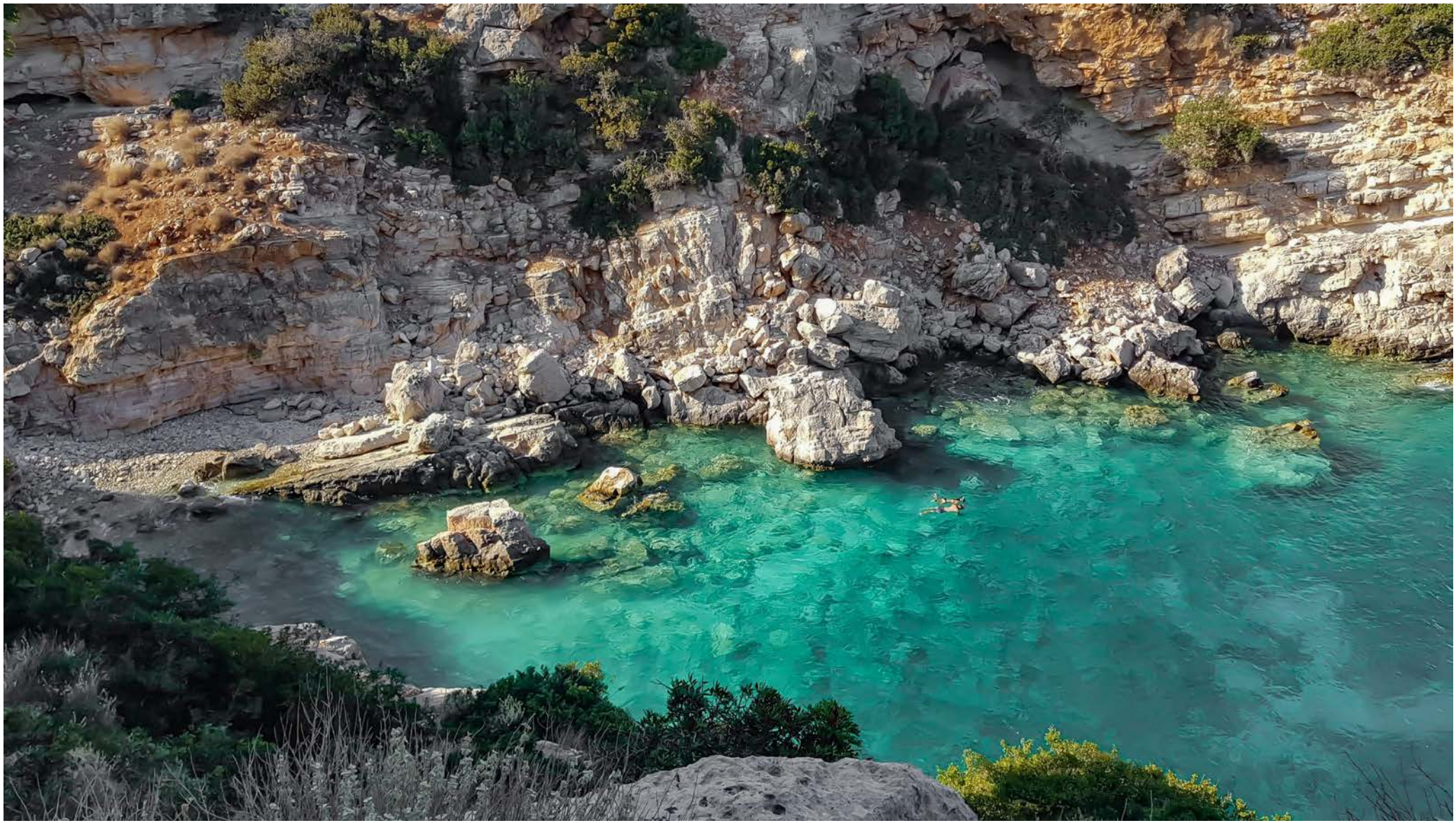


LEED v5 Product Selections

- Build base with products and assemblies we need for every project.
- Work with trusted advisors and reliable manufacturers.
- Use more bio-based materials and fewer petroleum-based plastics.
- Address Owner concerns about performance and price.
- Leverage multi-attribute certifications.



https://epd.guide/win-that-spec-industry-plays/refresh-product-pages-for-leed-v5-spec-checks



Division 01 General Requirements

- 017419 Construction Waste Management and Disposal
- 018113 Sustainable Design Requirements
- 018119 Construction Indoor Air Quality (IAQ) Management
- 019100 Commissioning Requirements

Specification Section Format

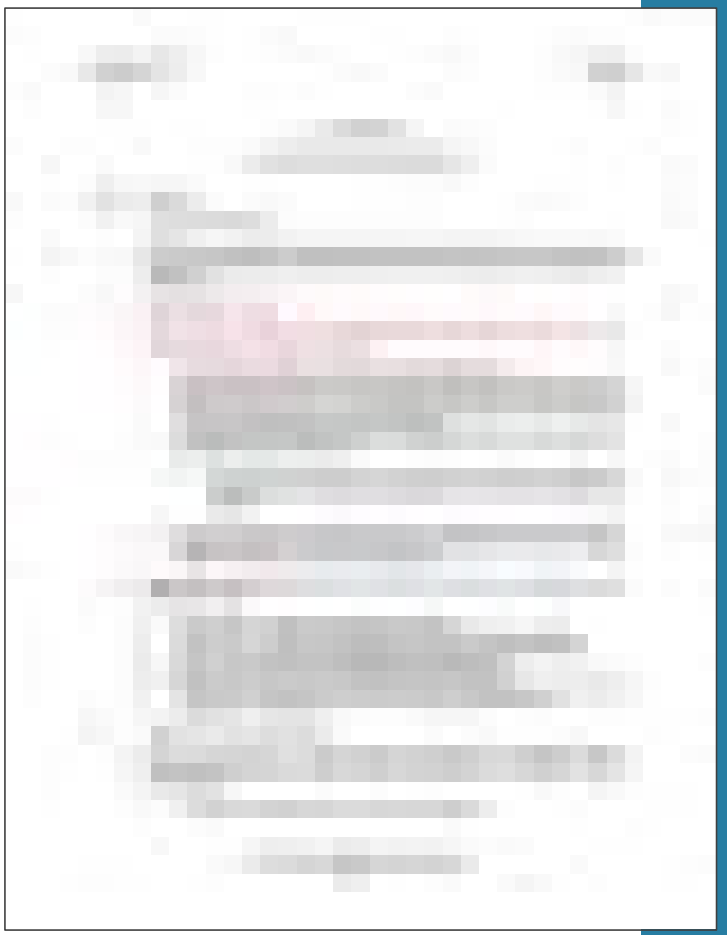
Part 1 - GENERAL

Part 2 - PRODUCTS

Part 3 - EXECUTION

Section 018113 Sustainable Design Reqts

- Define Certification Program(s)
  - Do
  - Don’t
- Coordinate Specification Language
  - Div 01 to Div 02-49
  - Share spec template with consultants
- See shared resources at the end



Specifications Part 2 Products

Build your office base language and coordinate with your library.

2.1 PRODUCTS

A. Product Type: ASTM #####, description of product.

1. Basis of Design: Widget Co.; Model XYZ.
2. Environmental Product Declarations (EPD): Type III EPD.
3. Material Ingredients: Cradle to Cradle (C2C) certification, Declare product label, or Health Product Declaration (HPD).
4. Low-Emitting Materials: GreenGuard Gold certification.

Specifications Part 1 Breadcrumbs

Ask for the submittals that are available and applicable to goals.

1.3 SUBMITTALS

A. Product Data: For each type of product.

1. Environmental Product Declarations (EPD): For widgets, submit product specific Type III EPDs.
2. Material Ingredients: For widgets, submit Cradle to Cradle (C2C) certifications, Declare product labels, or Health Product Declarations (HPD).

Specifications Part 1 Breadcrumbs

Ask for the submittals that are available and applicable to goals.

1.3 SUBMITTALS (continued)

A. Product Data: For each type of product.

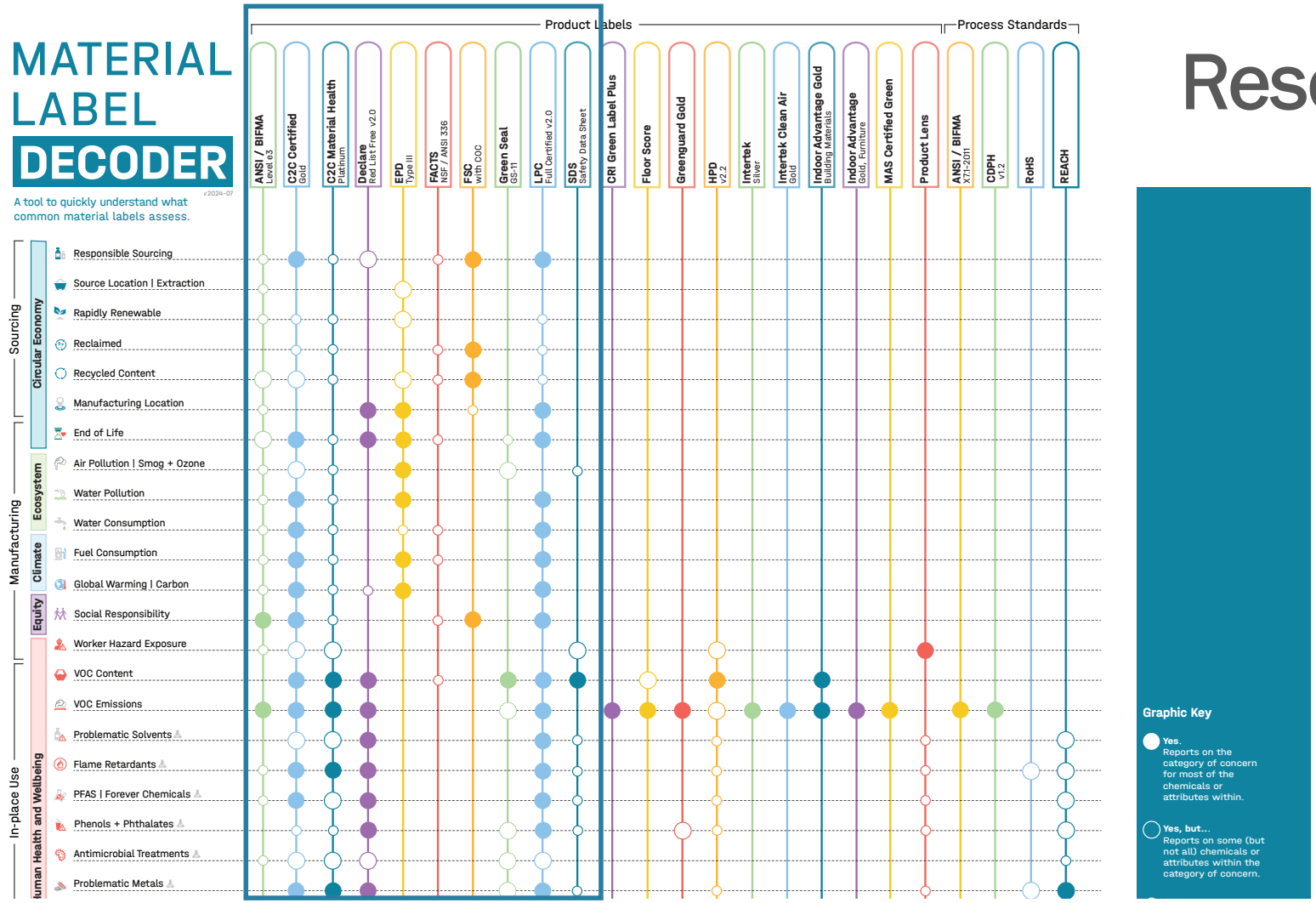
3. Low-Emitting Materials: Building products must be tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method v1.2–2017, private office scenario.

a. For widgets and widget adhesives, submit GreenGuard Gold, MAS Certified Green, or SCS Indoor Advantage Gold certifications.

Final Thoughts on Strategies for Success



Resources


MATERIAL LABEL DECODER
v2024-07
A tool to quickly understand what common material labels assess.
Product Labels
Process Standards
ANSI / BIFMA Level e3
C2C Certified Gold
C2C Material Health Platinum
Declare Red List Free v2.0
EPD Type III
FACTS NSF / ANSI 336
FSC with COC
Green Seal GS-11
LPC Full Certified v2.0
SDS Safety Data Sheet
CRI Green Label Plus
Floor Score
Greenguard Gold
HPD v2.2
Intertek Silver
Intertek Clean Air Gold
Indoor Advantage Gold Building Materials
Indoor Advantage Gold, Furniture
MAS Certified Green
Product Lens
ANSI / BIFMA X7.1-20m
CDPH v1.2
RoHS
REACH
In-place Use
Manufacturing
Sourcing
Human Health and Wellbeing
Equity
Climate
Ecosystem
Circular Economy
Responsible Sourcing
Source Location | Extraction
Rapidly Renewable
Reclaimed
Recycled Content
Manufacturing Location
End of Life
Air Pollution | Smog + Ozone
Water Pollution
Water Consumption
Fuel Consumption
Global Warming | Carbon
Social Responsibility
Worker Hazard Exposure
VOC Content
VOC Emissions
Problematic Solvents
Flame Retardants
PFAS | Forever Chemicals
Phenols + Phthalates
Antimicrobial Treatments
Problematic Metals
Graphic Key
Yes.
Reports on the category of concern for most of the chemicals or attributes within.
Yes, but...
Reports on some (but not all) chemicals or attributes within the category of concern.

Resources and Tools

Multiple Resources Available for Download:

- Specification sections
- LEED Materials Reporting Form
- Infographics
- Greenbuild Slide Deck





Thank You!



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SUFFOLK

AMERICA'S CONTRACTOR



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Architectural Specifications

https://kalinassociates.com/resources/



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