





mM EDUCATION SESSION #3

Integrating Sustainable Materials Selection into the Design Process



Barbra BatShalom
BuildingEase



Paul Shahriari Ecomedes



Stacy Smedley
Building
Transparency



Rebecca Best Material Bank

Moderator



Laurel Chądzyński mindful MATERIALS



building transparency



ecomedes

DRIVE ACTION TODAY





MISSION

Scale building product sustainability through efficient research and automated compliance

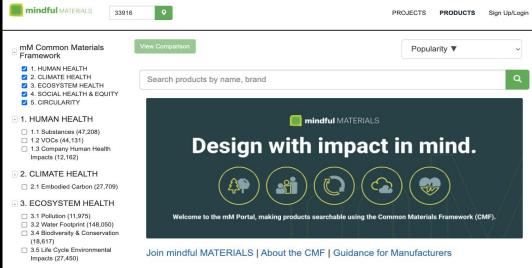
180 Monthly Green Material Searches

101% YOY Growth in platform users



CMF IN ACTION

portal.mindfulmaterials.com



Welcome to mindful MATERIALS' Product Portal (in Beta). The Portal allows brands and users to search for products by broad impact, by digitally mapping data represented from product certifications and standards, to 'buckets' of impact in the mM Common Materials Framework.

Search By Impact by clicking on one of the icons below:





Health



Health



& Equity



Circular

34K CMF Product Research Sessions YTD

Workflow Steps

- 1. Discovery
- 2. Analysis
- 3. Compliance

+ Brand

4. SOCIAL HEALTH & EQUITY

4.2 Supply Chain (15,225)

□ 4.3 Community (12,116)□ 5. CIRCULARITY

5.1 Sourcing (21,188)
 5.2 End-of-Life (6,990)
 5.3 Packaging (12,146)

☐ 5.4 Waste (5,378)

Product Category

☐ 4.1 Company Workplace (13,782)



1. DISCOVERY

CMF industry transformation starts with comprehensive, fresh, attributable, navigable product data.

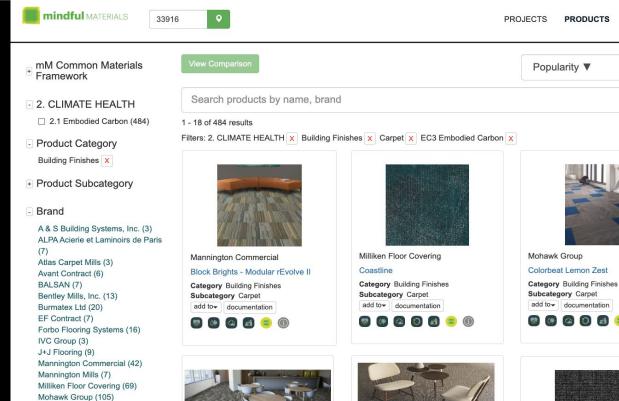
-)	mM	Common	Materials
	Framework		

- 1. HUMAN HEALTH
- 2. CLIMATE HEALTH (77)
- 3. ECOSYSTEM HEALTH (956)
- 4. SOCIAL HEALTH & EQUITY (937)
- ☐ 5. CIRCULARITY (936)
- 1. HUMAN HEALTH
 - 1.1 Substances
 - ☐ 1.2 VOCs (1,409)
 - 1.3 Company Human Health Impacts (933)

CMF Filter	Searches *
1. HUMAN HEALTH	2,485
2. CLIMATE HEALTH	1,319
3. ECOSYSTEM HEALTH	939
5. CIRCULARITY	801
4. SOCIAL HEALTH & EQU	701
Grand total	7,681

2024 YTD thru October

Instant Brand and Product Research available within the left hand navigation







Philadelphia Commercial (14) Shaw Flooring (68)

Certifications and Ecolabels

☐ asthma & allergy friendly® (85) □ BioPreferred® (9,932)

EC3 Embodied Carbon

Shaw Industries (28) Tarkett (26) Venture Carpets (5)

Show more

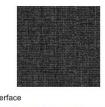
Andros - ethos® Modular

Category Building Finishes Subcategory Carpet documentation









Interface

Third Space Collection Third Sp... Category Building Finishes

Subcategory Carpet documentation





Paul Shahriari











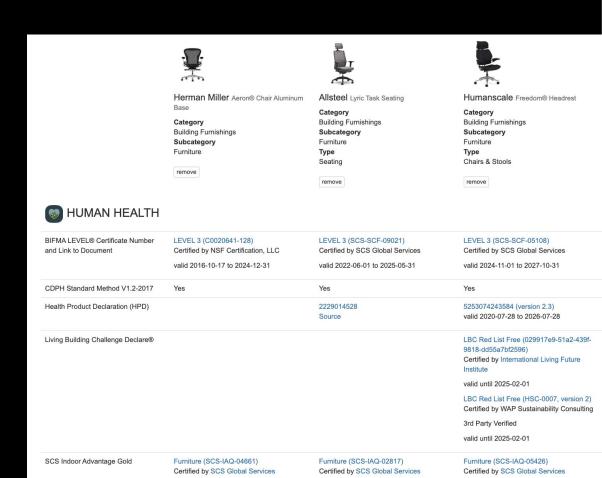




2. ANALYSIS

Designers need fast, easy, data aggregation, apples to apples comparisons and evaluations.

Structured data and the mM CMF Framework within the platform empowers users to make faster and more accurate decisions.

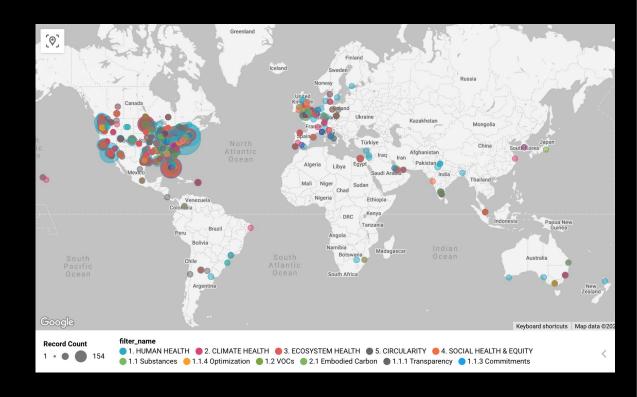


valid 2016-01-01 to 2024-12-31

valid 2019-03-11 to 2024-10-31

valid 2017-11-10 to 2024-11-09

© ecomedes CMF GLOBAL USAGE





JOIN US portal.mindfulmaterials.com

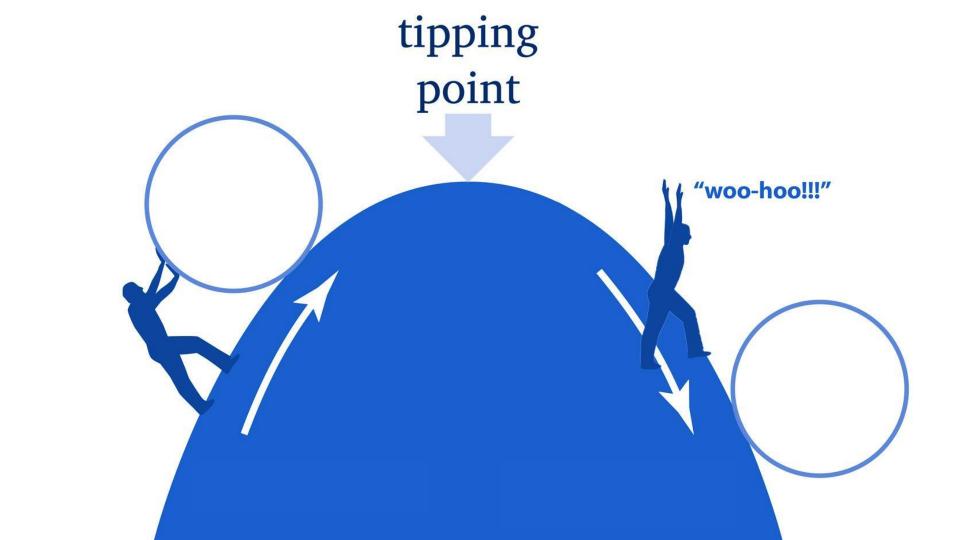
8,399 New Registered Users YTD

Paul@ecomedes.com



building ease







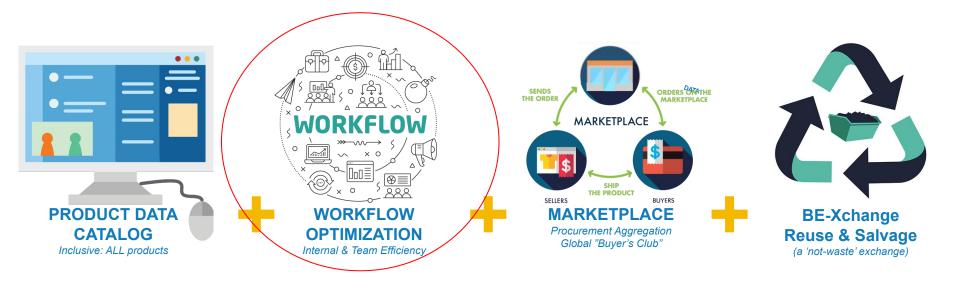


We make it easy to do the right thing!

The first tool tool built & structured by the CMF, leveraging data to scale adoption globally



AN ECOSYSTEM SCALE ENGINE FOR CHANGE



Building Ease Scales of Data

INDUSTRY WIDE MARKET TRANSFORMATION

Global Procurement Aggregation
Unique + Unprecedented Feedback to Manufacturers

COMPANY WIDE CENTRALIZED DATA

Material List / Project Library
Internal standards & Master Lists of EPPs
Consistent compliance

PROJECT MATERIAL LISTS

Copy entire Master in 2 clicks Collaboration and Coordination Discussion Threads per Product

PRODUCT DATA

Sustainability and all other data in one place Lessons Learned / Knowledge Management Designate 1st / 2nd / Blocklist

SUCCESS!



AUTOMATIC CONSISTENCY

Every org has a cloud-based Library:

- MASTER LISTS of preferred products
- PROJECT MATERIAL LISTS (outline specs)
- CROWDSOURCED LISTS

3-Equal (public)

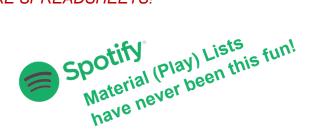
Innovation

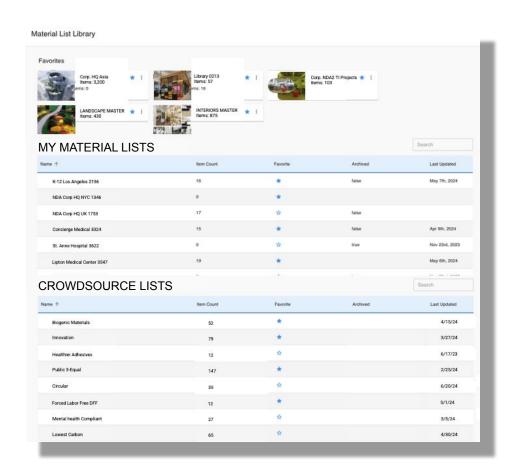
Biogenic

Lowest Carbon

Healthy Adhesives + Sealants...

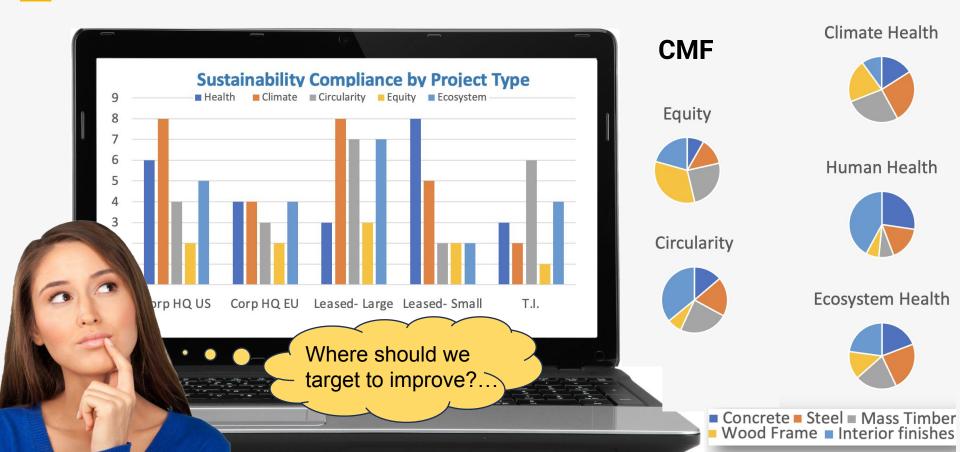
Sorry Microsoft, NO MORE SPREADSHEETS!







Portfolio-wide tracking AIA Material Pledge/ESG





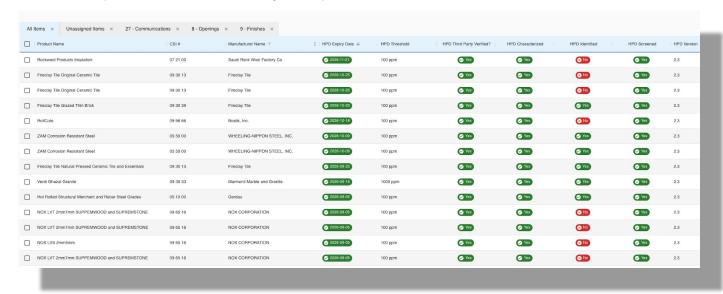
COLLABORATION

AT-A-GLANCE INFO FOR ENTIRE TEAM

- SUST DATA SCAN thousands of product, easy view
- COPY IN 2 CLICKS (Masters, other Projects)
- DESIGNATIONS (1st 2nd BL)
- GROUPS (Basic, Better, Best any other)

COLLABORATION WORKFLOW:

- STATUS: Approved, pending, denied
- PRODUCT NOTES: Knowledge mngmt, lessons learned
- COMMENTS: Discussion threads, product specific
- BoM, AS BUILT: All decisions, coordination

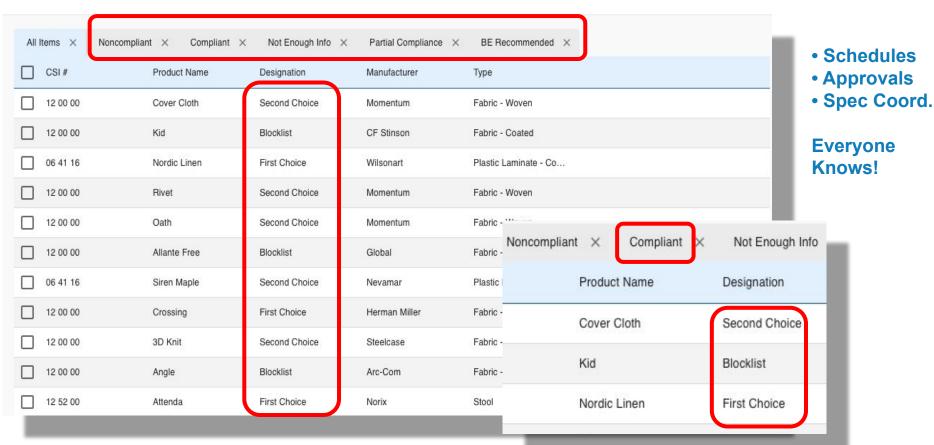


HPD DATA SCAN
ENTIRE MATERIAL LIST
(Outline Spec)



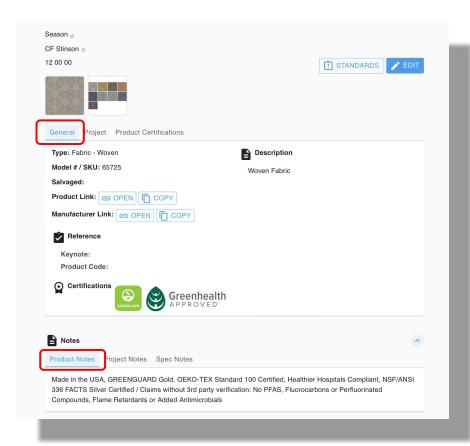


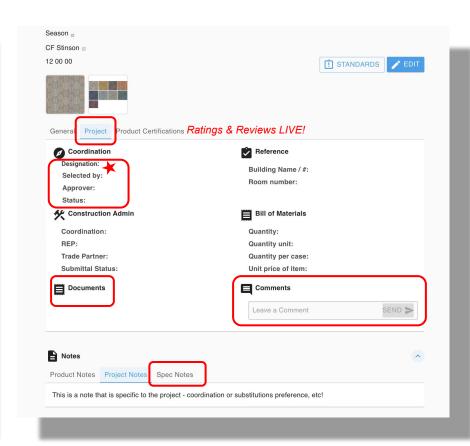
Collaborate • Designate • Approve • Export





All Critical Data in ONE Place!







SUST. DATA + CROWDSOURCED BY USERS

Structured by CMF from day 1

Data directly from:

3E/ToxNot *including* Declare

HPD

EC3

C₂C

SCS

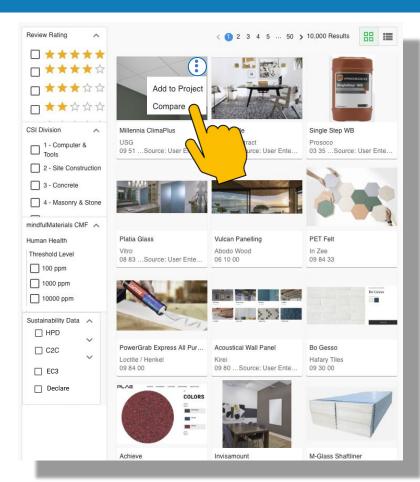
+ 96 International certs coming by owner

request

Not limited to green: "we want to build an entire project"

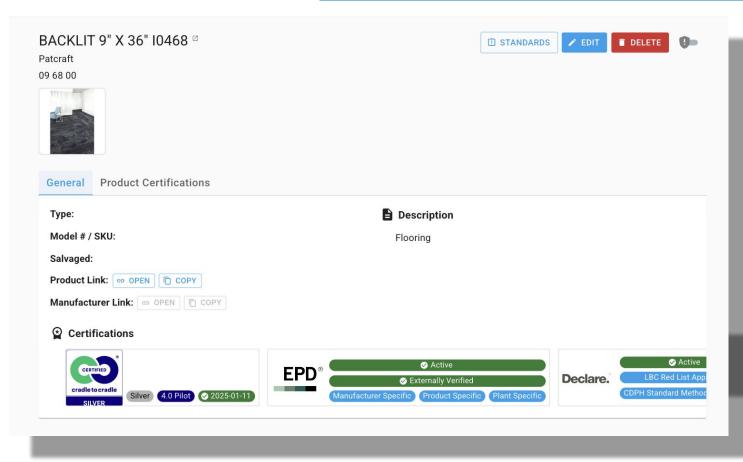
Streamlined Experience – not bounced out for every cert

Ratings & Reviews – by owners, designers, contractors

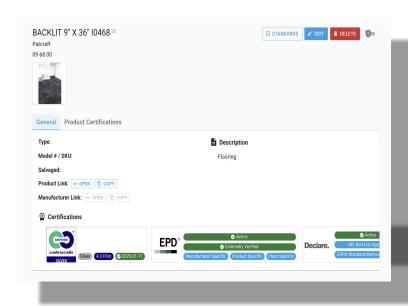


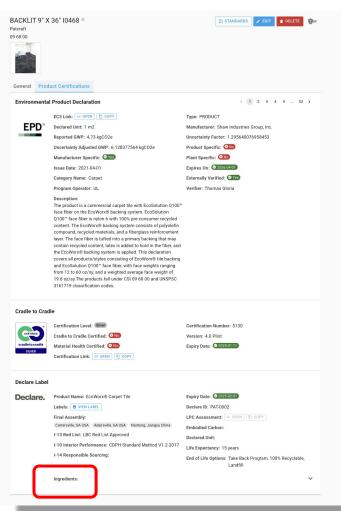


STREAMLINED IN ONE PLACE



ECERTIFICATIONS







CAS # SPECIFIC

Portfolio-wide analytics at a detail level!



Company Standards Product Catalog BE-Xchange

)



Material	Chemical	CASRN	Per
	Calcium Carbonate	1317-65-3	
	Nylon 6 Polymer	25038-54- 4	
	Polyethylene Terephthalate (PET)	25038-59- 9	
	1-Propene, polymer with ethene	9010-79-1	
	Aluminum Trihydrate (ATH)	21645-51- 2	
	Ethene-1-Octene Copolymer	26221-73- 8	
	Hydrocarbons, C6-20, polymers, hydrogenated	69430-35- 9	
	Polypropylene	9003-07-0	
	Vinyl Acetate/Ethylene Copolymer	24937-78- 8	
	Fiberglass	65997-17- 3	
	1,4-Bis(2-Ethylhexyl) Sodium Sulfosuccinate	577-11-7	
	5,9,14,18-Anthrazinetetrone, 6,15-dihydro-	81-77-6	
	9,10-Anthracenedione, 1,1'-[(6-phenyl-1,3,5-triazine- 2,4-diyl)diimino]bis-	4118-16-5	
	Ammonium Lauryl Sulfate	68081-96- 9	
	Anthra[2,1,9-def:6,5,10-d'e'f'] diisoquinoline-1,3,8,10(2H,9H)-tetrone	81-33-4	
	$An thra[2,1,9\text{-}def:6,5,10\text{-}d'e'f']\ diis oquino line-1,3,8,10(2H,9H)\text{-}tetrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenyl)\text{-}etrone,2,9\text{-}bis(3,5\text{-}dimethylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphen$	4948-15-6	
	$Anthra[2,1,9\cdot def:6,5,10\cdot d'e'f']\ diisoquinoline-1,3,8,10(2H,9H)\cdot tetrone,2,9\cdot bis[4-(phenylazo)phenyl]\cdot diisoquinoline-1,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4$	3049-71-6	
	Anthra[2,1,9-def:6,5,10-deff] diisoquinoline-1,3,8,10(2H,9H)-tetrone, 2,9-dimethyl-	5521-31-3	
	Benzene, ethenyl-, polymer with 2-methyl-1,3-butadiene	25038-32- 8	
	C. I. Pigment Blue 15	147-14-8	
	C.I. Pigment Brown 24	68186-90- 3	
	C.I. Pigment Green 7	1328-53-6	
	C.I. Pigment Red 233	68187-12- 2	



IN CATALOG



Company Standards Product Catalog BE-Xchange



Compare Products



ACHIEVE 24" X 24" I0491 Patcraft

Flooring



Arrange Tile | 5T294 Shaw Contract

Flooring



Hospitality Nylon Broadloom Carpet on Unibond Plus (Tufted/CYP/Definity)

Durkan

Durkan Hospitality Tufted Broadloom Carpet on Unibond Plus Backing is an advanced high performance backing system designed to provide long term carpet durability while delivering sustainability benefits. The Unibond Plus backing system utilizes a high performance thermoset adhesive designed to deliver greater dimensional stability and long term performance by encapsulating the carpet back stitch and securing the secondary backing to the substrate. The advanced thermoset adhesive contains a minimum of 22% post-industrial content.



EcoWorx® Carpet Tile Shaw Industries Group, Inc.

Highlight Differences

Carpet tile with EcoWorx® polyolefin backing Shaw's EcoWorx® carpet tile is Cradle to Cradle Certified® V4.0 Silver and was the first non-PVC backed carpet tile on the market. Shaw has had the chemistry of EcoWorx® carpet tile 3rd-party assessed down to 100 ppm against the list of Red List chemicals and was found to contain none.

Review Score

Description

- C2C Data
- FC3 FPD Data

EcoWorx® Carpet Tile with Solution Q®... ▼

EcoWorx® Gold Carpet Tile with EcoSol... ▼

Declare Label Data

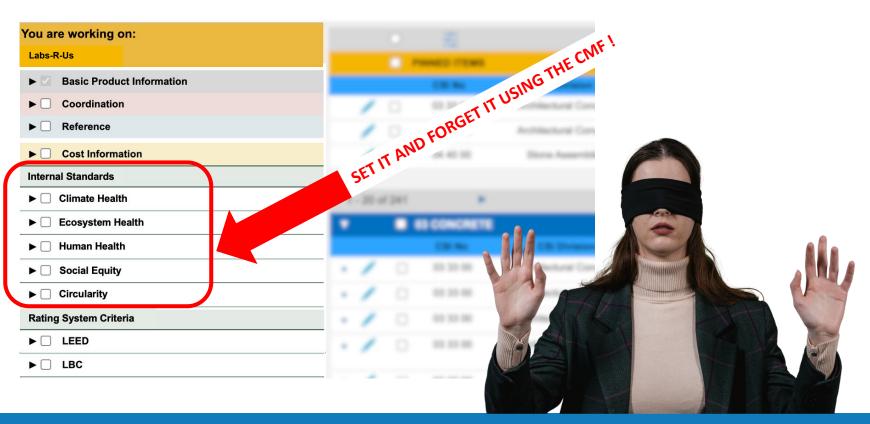


HIGHLIGHT DIFFERENCES

∨ C2C Data					
→ EC3 EPD Data	EcoWorx® Carpet Tile with Solution Q® ▼	EcoWorx® Gold Carpet Tile with EcoSol 🕶			
Declare Label Data					
Product Name	EcoWorx® Carpet Tile	EcoWorx™ Resilient	Hospitality Nylon Broadloom Carpet on Unibond Plus (Tufted/CYP/Definity)	EcoWorx® Carpet Tile	
Expiry Date	② 2025-02-01	⊘ 2025-06-01	② 2025-08-01	⊘ 2025-02-01	
Labels	■ VIEW LABEL	■ VIEW LABEL	■ VIEW LABEL	■ VIEW LABEL	
Declare ID	PAT-0002	SCG-0006	DRK-0007	SHW-0002	
Final Assembly	Cartersville, GA USA Adairsville, GA USA Nantong, Jiangsu China	Kaisersesch, Germany	Chatsworth, Georgia USA	Cartersville, Georgia USA Adairsville, Georgia USA Nantong, Jiangsu China	
LPC Assessment					
Embodied Carbon		5.21 kg CO2eq			
I-13 Red List	LBC Red List Approved	LBC Red List Approved	LBC Red List Free	LBC Red List Approved	
Declared Unit		1m2			
I-10 Interior Performance	CDPH Standard Method V1.2-2017	CDPH Standard Method V1.2-2017	CDPH Standard Method V1.1-2010	CDPH Standard Method V1.2-2017	
Life Expectancy	15 years	25 years	15 years	15 years	
I-14 Responsible Sourcing					
End of Life Options	Take Back Program, 100% Recyclable, Landfill	Take Back Program, 100% Recyclable, Landfill	Take Back Program	Take Back Program, 100% Recyclable	



Create your internal standards easily!

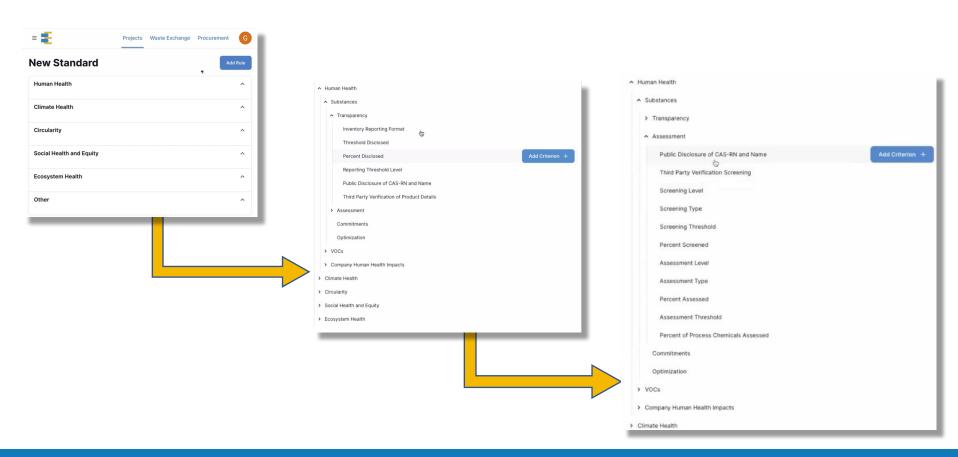


Everyone complies to company internal standards, whether they're educated or not, whether they care or not! Automatically!



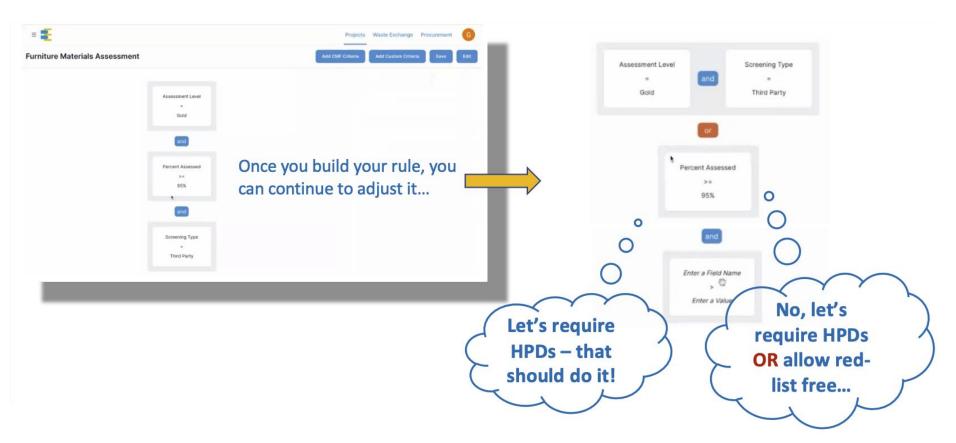


Create your org's internal standards easily!





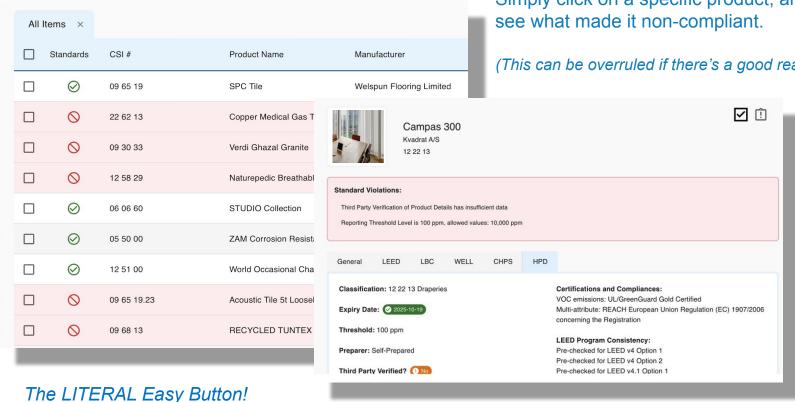
Automatic Compliance Across ALL Teams





Compliance checking in one click...

AUTOMATIC CONSISTENCY



Simply click on a specific product, and immediately

(This can be overruled if there's a good reason to keep it.)







BE Faster

BE Smarter

BE Greener

BE Better

BE part of the solution!

Thank you: info@buildingease.com

FREE to use!
FREE to use!



material bank



Material Bank was started in 2019 with a bold mission...

The fastest and most sustainable way to search, sample, and specify materials.



585 brands. 300,000 SKUs. One site. One box. Order by midnight. Samples overnight or ground. Always FREE for A&D. Carbon neutral shipping.

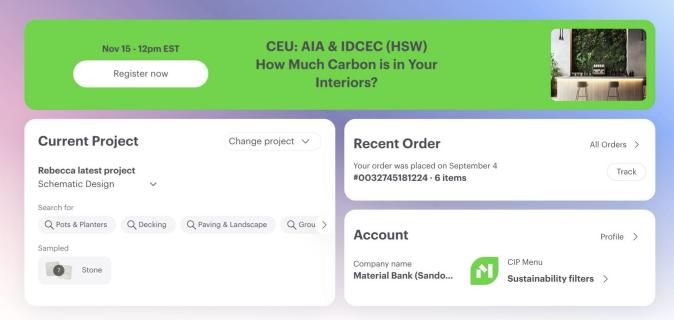








Hello, rebecca



Curated collections

Explore collections





Material Roundup

Innovative wood paneling

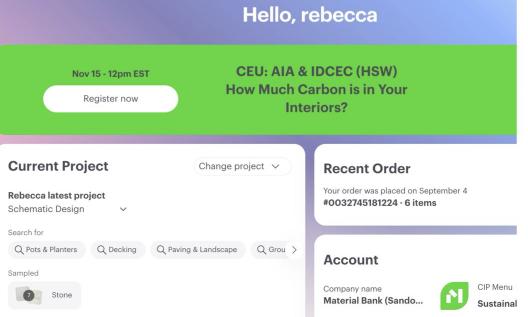
Products

Brands

Inspiration

Boards

Material Bank



Welcome!

Your Carbon Impact Program pre-filtered links were selected to expedite the search & sampling of sustainable materials, categorized by the AIA Materials Pledge and The Common Materials Framework.

15-min. Sustainability Search & Spec Training

FLOORING

Climate Health

Environmental Product Declaration (EPD)

Circularity

Recycled content

Circularity, Ecosystem, Social Equity

Wood - FSC Certified

Human Health

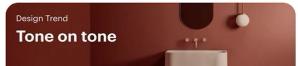
CDPH/CHPS 01350 Compliant

Declare Label - Red List Free

Carpet - low emitting

Health Product Declaration (HPD)

Curated collections







Human Health, Climate, Circularity, Ecosystem, Social

Equity

Living Product Challenge Certified

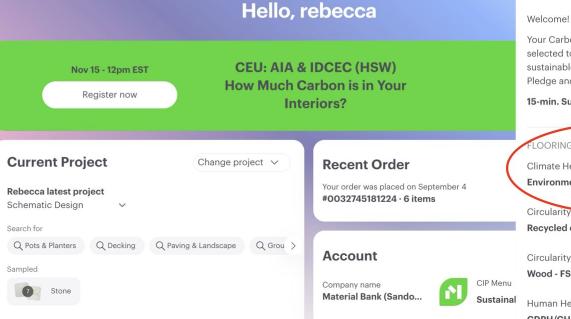
Products

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Material Bank



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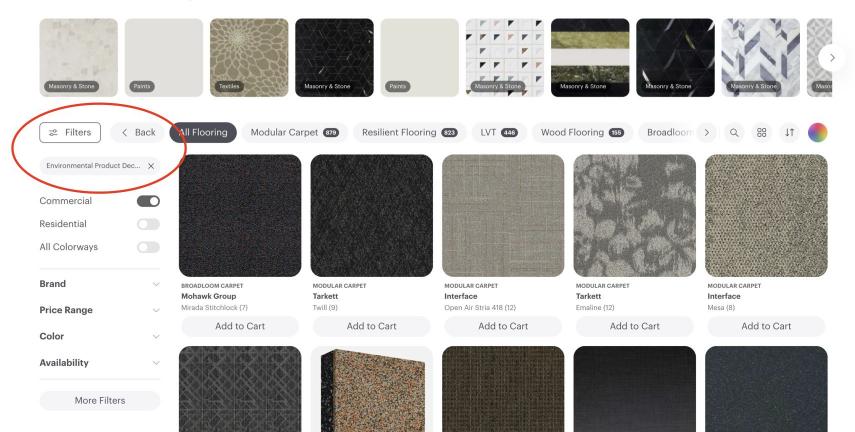
Living Product Challenge Certified







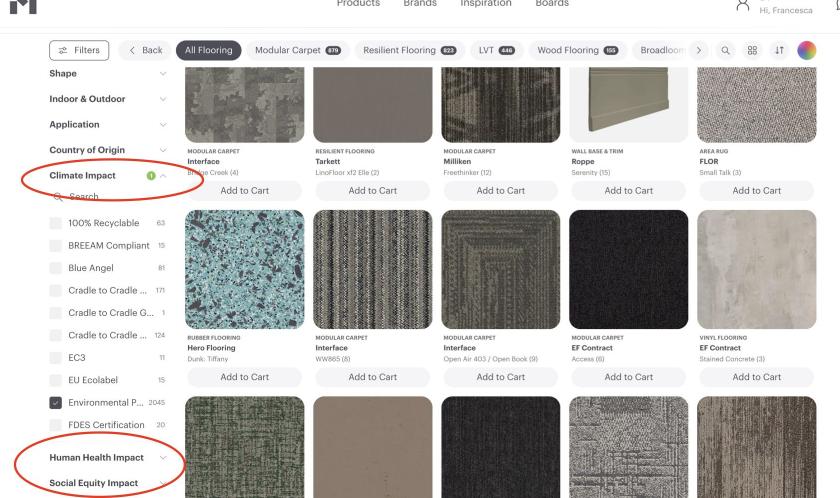
Recommended for you











Products

Brands

Inspiration











Performance

Environmental

LEED: May contribute to LEED credits

Boards

Climate Impact: Manufacturer Take-Back Program, Recycled Content - Pre-Consumer, The Climate Pledge, Third-Party Partnership for Recovery and Cycling, Environmental Product Declaration (EPD), Global GreenTag Certified, ISO 14001, LEED Compliant, Living Product Challenge 2.0 (LPC), PVC free, Recycled Content

Human Health Impact: CARB Compliant, CDPH / CHPS 01350 Compliant,
Formaldehyde Free, Halogenated Flame Retardants Free, NSF/ANSI 140 Facts Certified,
CRI Green Label Plus Indoor Air Quality, Declare Label - LBC Compliant, Declare Label LBC Red List Approved, Declare Label - Red List Free, Health Product Declaration (HPD),
Low Emitting/Low VOC, PFAS free, UL GREENGUARD

Environmental Product Declaration: Product-Specific EPD

EPD Expiration Date: Oct 31, 2028

Organizational Commitments: ISO 14001, The Climate Pledge

Multi Attribute Certification: Living Product Challenge

Multi Attribute Certification Expiration Date: Jan 14, 2026

Global Warming Potential (GWP): 5.31 kg CO2e/m2

Ingredient Disclosure: Living Product Challenge

Disclosure/ Certification Expiration Date: Jul 31, 2024

Material Health Certifications: Declare Label - LBC Red List Approved, Declare Label -

Red List Free





Products

Brands

Inspiration

Boards

2

Hi. France

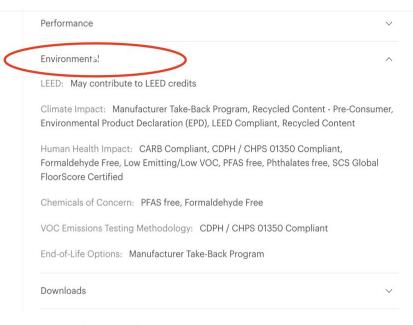












Access Tarkett on BIMobject

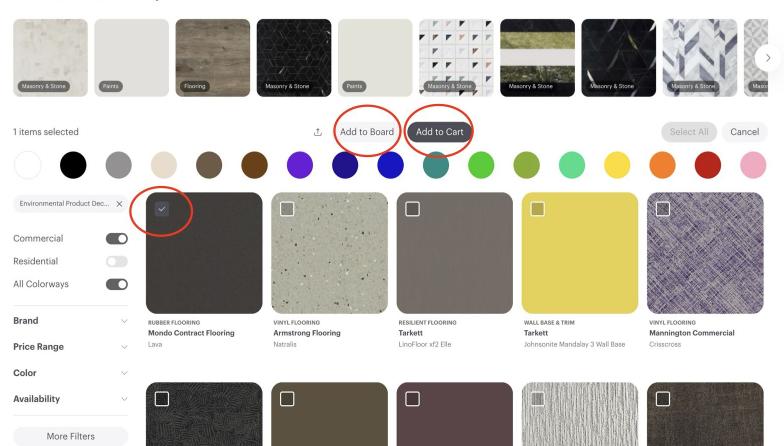








Recommended for you













Select Project 49 Rebecca latest project

























Last Updated ~

View more

KPBE JLL project THE 2.0 KP Master flooring exploration

Archives @

mindful Materials x Material Bank Boar...

69 items

HG Accoustics

8 items

NEW BOARD Preppy Revival

80 items · KPBE

30 items

Oasis (1) 30 items







Metascape (1) 31 items



Opulent Heritage (1) 23 items



Tactile Luxury (1)

28 items



Declare label - Red List Free Textiles 34 items · Rebecca latest project











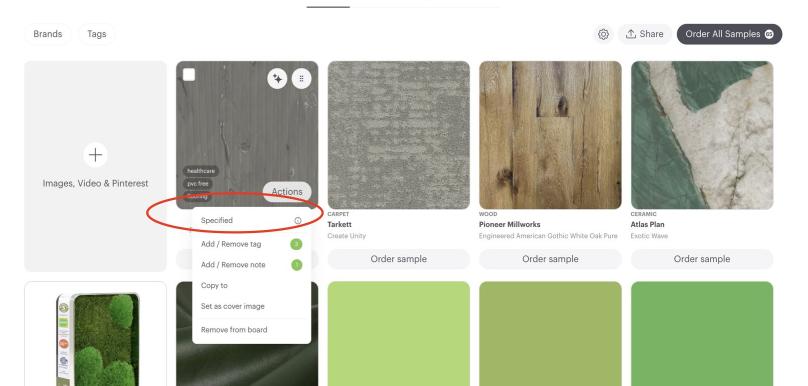




mindful Materials x Material Bank Board fo...

As a designer, you wield immense influence over environments, behaviors, and the world we inh...

Overview Mood Board Export Download







mindful Materials x Material Bank Board fo...

As a designer, you wield immense influence over environments, behaviors, and the world we inh...



	Image	Name	Brand	Climate Impact	Human Health Impact	Social Equity Impact	Global Warming Poten
Ø 🛱		noraplan valua	nora by Interface	Global GreenTag Certified,	Phthalates free, Formaldeh	UN Global Compact	5.87 kg CO2e/m2
Ø 🔁		Create Unity	Tarkett	Manufacturer Take-Back Pr	Declare Label - LBC Compl		7.1 kg CO2e/m2
Ø 🛱	A	Engineered American Got	Pioneer Millworks	Made in USA	CARB Compliant, Health Pr		
Ø 🛱	V	Exotic Wave	Atlas Plan	Environmental Product De	Declare Label - LBC Compl		
Ø 🔁		Preserved Gardens with M	Garden on the Wall	LEED Compliant, BREEAM	CARB Compliant, CDPH /		
Ø 🛱		Athena	Moore & Giles	BIFMA Level Certified, PVC	Phthalates free, CARB Co		
Ø 🛱		Willow Springs Green: 418	Benjamin Moore				
Ø 🕏		Blooming Grove: 413	Benjamin Mc Customi	ze Export 👤 Expor	rt 66		
Ø 🛱		Paradise Valley: 559	Benjamin Moore				









mindful Materials x Material Bank Board fo...

As a designer, you wield immense influence over environments, behaviors, and the world we inh...



	Image	Name	Brand	Climate Impact	Human Health Impact	Social Equity Impact	Global Warming Poten
Ø 🛱		noraplan valua	nora by Interface	Global GreenTag Certified,	Phthalates free, Formaldeh	UN Global Compact	5.87 kg CO2e/m2
Ø 🔁		Create Unity	Tarkett	Manufacturer Take-Back Pr	Declare Label - LBC Compl		7.1 kg CO2e/m2
Ø 🔁	a la	Engineered American Got	Pioneer Millworks	Made in USA	CARB Compliant, Health Pr		
Ø 🛱	V	Exotic Wave	Atlas Plan	Environmental Product De	Declare Label - LBC Compl		
Ø 🗑		Preserved Gardens with M	Garden on the Wall	LEED Compliant, BREEAM	CARB Compliant, CDPH /		
Ø 🛱		Athena	Moore & Giles	BIFMA Level Certified, PVC	Phthalates free, CARB Co		
Ø 🛱		Willow Springs Green: 418	Benjamin Moore				
Ø 🛱		Blooming Grove: 413	Benjamin M Custor	mize Export	rt 66		
Ø 🛱		Paradise Valley: 559	Benjamin Moore				





Image

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Name

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Create Unity

Exotic Wave

Athena

Engineered American Got...

Preserved Gardens with M...

Willow Springs Green: 418

Blooming Grove: 413

Paradise Valley: 559

Customize Export

Select the exact data fields you want to include in your export and easily rearrange the columns by dragging and dropping them within this mean

AIA Materials Pledge Report

Hide empty data fields

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	Include Project Information (Excel only)

Data field options

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Image	
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Indoor/Outdoor	

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Cancel

Restore

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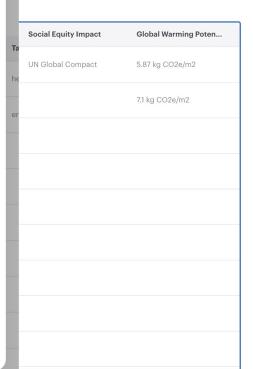
Save & Close















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Customize Export

Select the exact data fields you want to include in your export and easily rearrange the columns by dragging and drepping them within this menu.

Project Finish Schedule

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Include Project Information (Excel only)

Hide empty data fields

Data field options

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Indoor/Outdoor	

Save as template ①

Enter template name

Restore

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Cancel

Save & Close

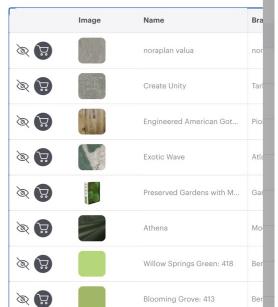
X



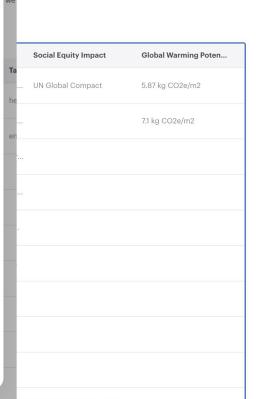








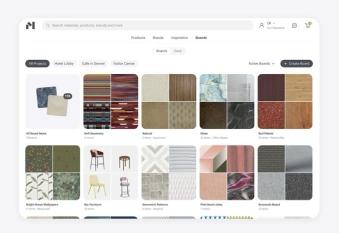
Paradise Valley: 559





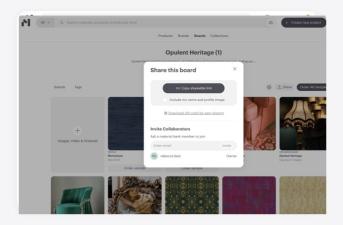


Individual research to project team collaboration.



Save materials you like, sample later.

- ✓ Save and organize materials for your projects
- Collaborate with colleagues, share with clients
- ✓ Sample your entire board when you're ready

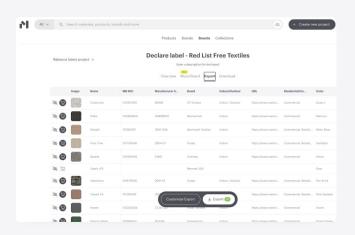


Create a sharable digital library.

- ✓ Save and organize materials for your projects
- ✓ Collaborate with colleagues, share with clients
- ✓ Sample your entire board when you're ready

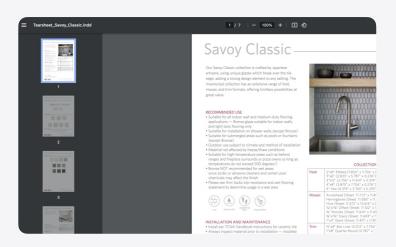


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