

Sponsored by:

*National  
Gypsum*

 Material  
Bank

**mM EDUCATION SESSION #2**

# 2024 State of the Building Industry Report: Journey to the Materials Easy Button

Moderator



**Myrrh Caplan**  
Skanska



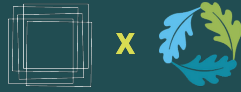
**David Briefel**  
Gensler



**Amy Musanti**  
ASSA ABLOY



**Annie Bevan**  
mindful MATERIALS



# Thank you to our Sponsors!

*National*   
*Gypsum*®

 **Material  
Bank**®

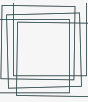
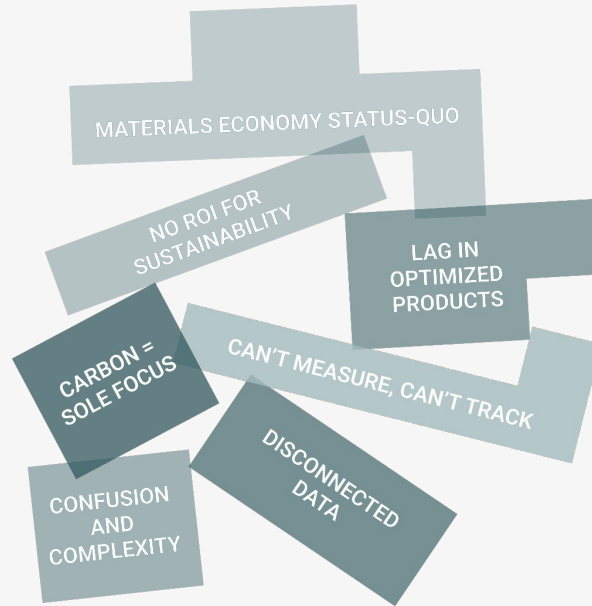
# Imagine a world where....

It's easy to identify and select better materials in workflow.

We can quantify holistic impacts of products in projects to support ESG reporting.

We can Value Buildings & Analyze Risk leveraging impact reductions

Manufacturers see a clear ROI for their sustainability investment



# Our Adventure to the Regenerative Materials Economy Requires the Eas(ier) Button!



## COMPANY MATERIALS DASHBOARD

### REQUIRED CRITERIA

- HUMAN HEALTH**
  - Substances**
    - Transparency
      - Disclosure Threshold: 100 ppm
      - 3rd Party Verified: Yes
    - Optimization
      - No PFAS
      - No Flame Retardants
      - No Antimicrobials
  - VOCs**
- CLIMATE HEALTH**
  - Embodied Carbon**
    - Transparency
    - Optimization
      - CLF Baseline Level: Achievable
- SOCIAL HEALTH & EQUITY**
  - Company Workplace**
    - Transparency
      - Diverse Business Enterprise
  - Supply Chain**
  - Community**

### LIBRARY OF APPROVED MATERIALS

### PROJECT TRACKING & ANALYTICS

**100 UNIVERSITY WAY**  
Location: Boston, MA  
Start Date: January 2024  
Completion: July 2028

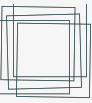
**PROJECT TARGETS**

- HUMAN HEALTH: [Progress bar]
- CLIMATE HEALTH: [Progress bar]
- CIRCULARITY: [Progress bar]
- SOCIAL HEALTH & EQUITY: [Progress bar]
- ECOSYSTEM HEALTH: [Progress bar]

**RESIDENTIAL HALL**  
Location: Cambridge, MA  
Start Date: January 2025

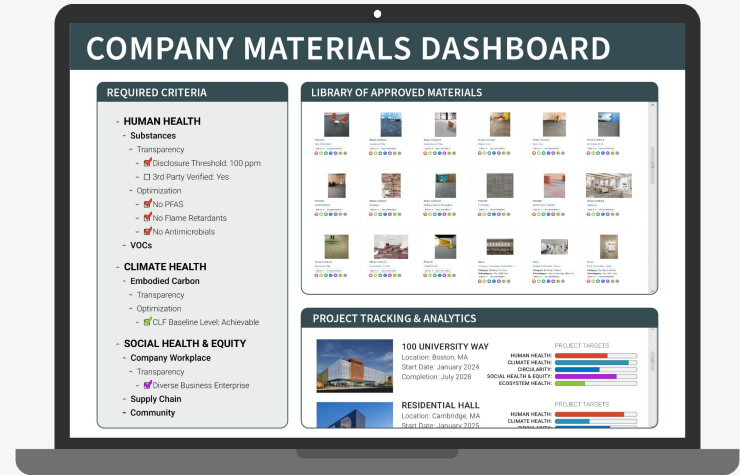
**PROJECT TARGETS**

- HUMAN HEALTH: [Progress bar]
- CLIMATE HEALTH: [Progress bar]
- CIRCULARITY: [Progress bar]



# The Eas(ier) Button we are working towards:

- + Access product sustainability data in common framework in workflow
- + Overlay your materials requirements
- + Manage your materials library
- + Track materials used on projects
- + Analytics + Reporting on impacts
- + Unlock quantifiable ESG metrics to Valuate & Analyze Risk
- + Manufacturers can track ROI
- + No more disparate spreadsheet requests

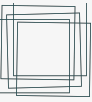




2024

# mM Forum Summit

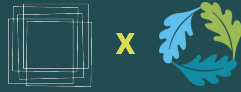
An unprecedented opportunity.



# Foundational Milestone: Industry Wide Report

- + Industry Wide Communication & Awareness Resource
- + Detailed Overview of our shared Vision of Future, State of the State of the industry, Summary of Forum/Industry Efforts, Forthcoming Solutions, and Opportunity for Action
- + Milestone Marker to ensure Forums don't get too far ahead of industry





Sponsored by:

*National  
Gypsum*

 Material  
Bank

**mM EDUCATION SESSION #2**

# 2024 State of the Building Industry Report: Journey to the Materials Easy Button



**Myrrh Caplan**  
Skanska



**David Briefel**  
Gensler



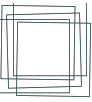
**Amy Musanti**  
ASSA ABLOY

Moderator



**Annie Bevan**  
mindful MATERIALS





# ASSA ABLOY: our team & our theme

# All in this journey together

*Nice to see you!*

*Amy Musanti  
&  
Erin Spadavecchia*

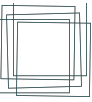


**Exciting  
Updates**

**Current Work**

**Speed Bumps**

**Call to Action**



# Exciting updates @ ASSA ABLOY

TIME list: #177

Big Fork Library: Design for Freedom project

Hollow metal doors and frames: Gensler Product Sustainability Standards v2.0



# Current Work @ ASSA ABLOY

## Certified Sustainability Facts (CSF)

## PHIUS certifications

## Product take back program



Ecosystem Health



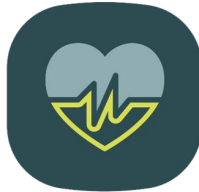
Social Health & Equity



Circular Economy



Climate Health



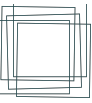
Human Health

Certified Sustainability Facts™	
Company: CURRIES, an ASSA ABLOY Group brand	
Product: CURRIES 707 Hollow Metal Door Flush	
Facility Location: Mason City, IA	
Certification Period: January 1, 2024 - December 31, 2027	
Certification Number: 23-0639 USED FOR DRAFT	
Circular Economy:	
Waste to Landfill Reduction	57%
Total Waste Reduction	13%
Waste Diversion from Landfill <sup>1</sup>	98%
Take Back Recycling Program <sup>2</sup>	Yes
Total Recycled Content <sup>2,3</sup>	33%
Pre-Consumer	27%
Post-Consumer	6%
Human Health:	
Third-Party Verified Health Product Declaration (HPD) <sup>4</sup>	Yes
Low-Emitting Materials	GREENGUARD Gold
Climate Health:	
Published Environmental Product Declaration (EPD) <sup>5</sup>	Yes
Embodied Carbon (kg CO <sub>2</sub> eq/door)	140
Manufacturing Carbon Emissions Reduction <sup>6</sup>	12%
Energy Usage Reduction	6%
Ecosystem Health:	
Manufacturing Water Usage Reduction	34%
ISO 14001 Certified	Yes
Sustainable Sourcing <sup>7</sup>	Yes
Social Health and Equity:	
Equity in Employment <sup>8</sup>	Yes
Community Stewardship <sup>9</sup>	Yes
Ethical Supply Chain Policies <sup>10</sup>	Yes

Baseline Period: January 2019 - December 2019  
Evaluation Period: January 2022 - December 2022  
Compliant with GreenCircle Certified Sustainability Facts Certification Standard Audit Plan 4.2024  
Attributes in green contribute to LEED v4 and v4.1 credits.

- All reductions benchmarked to production.
1. Includes both hazardous and non-hazardous material streams. This meets the requirements of LEED v4
  2. This meets the requirements of LEED v4 and v4.1 MR Credit: Sourcing of Raw Materials.
  3. Recycled content claims based on the minimum recycled content across polystyrene, honeycomb, and polyurethane core options.
  4. This meets the requirements of LEED v4 and v4.1 MR Credit: Building Product Disclosure and
  5. This meets the requirements of LEED v4 and v4.1 MR Credit: Building Product Disclosure and
  6. Scope 1 and 2 emissions only.
  7. Corporate Supplier Code of Conduct encourages minimal environmental impacts.
  8. Verified commitment to policies and programs supporting social, health, and equity.
  9. Verified community support through charitable donations.
  10. Corporate audit policies of supply chain practices conform to Design for Freedom principles.





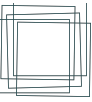
# Speed bumps @ ASSA ABLOY

The D word (*\*data*): staying on top, where to connect, time involved, certification selection, investment decisions, optimization

*Our approach: challenges are also opportunities!*

In times of change, learners inherit the earth, while the learned find themselves beautifully equipped to deal with a world that no longer exists.

Eric Hoffer



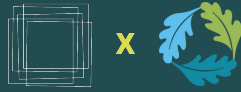
# ASSA ABLOY CTA (call to action!)

- Involve us early & often
- Be clear (*and aggressive*) about what you need from us as a manufacturer
- Consider all CSI divisions for sustainability contributions
- CMF adoption for all stakeholders
- mM Forum members: inform your colleagues at all levels (*we can help!*)

[amy.musanti@assaabloy.com](mailto:amy.musanti@assaabloy.com)

[erin.spadavecchia@assaabloy.com](mailto:erin.spadavecchia@assaabloy.com)





Sponsored by:

*National  
Gypsum*

 Material  
Bank

**mM EDUCATION SESSION #2**

# 2024 State of the Building Industry Report: Journey to the Materials Easy Button



**Myrrh Caplan**  
Skanska



**David Briefel**  
Gensler



**Amy Musanti**  
ASSA ABLOY



**Annie Bevan**  
mindful MATERIALS

Moderator



Gensler

# Our Journey to a Sustainable Materials Design Standard



# Foundational Efforts for the Gensler Product Sustainability (GPS) Standards

## GPS V1.0 FOUNDATIONAL EFFORTS

**2019**  
Initiation of decarbonizing specifications  
*Design Realization and Specification Leadership*

**2020**  
Quantifying Embodied Carbon research  
*GRI Grant*



**2021**  
Embodied Carbon Div 1 Spec

COP26 Green Materials Initiative Announcement



**2021 - 2022**  
Gensler Product Prescription



**2021 - 2022**  
Manufacturer Roundtables

**2022**  
Gensler Signs the AIA Materials Pledge



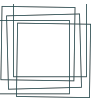
**2023**  
Gensler Product Sustainability Standards v.1.0

Materials AEC Forum Catalyst Member





# Brand Carbon Calculator



F. M. BRAND DESIGN RESISTANCE, BRAND CARBON CALC.

## 76% Reduction in CO2

### Carbon Reduction Report

Project title/number  
Date

---

**18kg**  
CO2 USAGE

**32%**  
REDUCTION IN CO2

SAVINGS EQUIVALENT TO  
**156**  
GALLONS OF GASOLINE

**5 kg**  
BELOW TARGET

**Conclusion**  
Gender has identified 82% reductions in embodied carbon, which is the equivalent of Gender preventing the combustion of 820 pounds of coal. The total global warming potential (GWP) reduction is 50.36 kg CO2e equivalent. The total GHG output is 3570 kg CO2e equivalent, which would be the target to offset if Gender were to pursue net-zero embodied carbon for the sign system captured in this dataset. The driving force behind these reductions is the intentional decision to prioritize the specification of cardboard (Flotekboard specifically) and deprioritize the use of acrylic.

**Additional Considerations**  
Furthermore, Gender purchased 3.1 Ton credits to offset the remaining 10,706kg of embodied carbon and improve the project into the black, formalizing the effort as net-positive embodied carbon. The 3.1 credits is tied to the Big River & Salmon Creek Forest Protection effort in northern California.

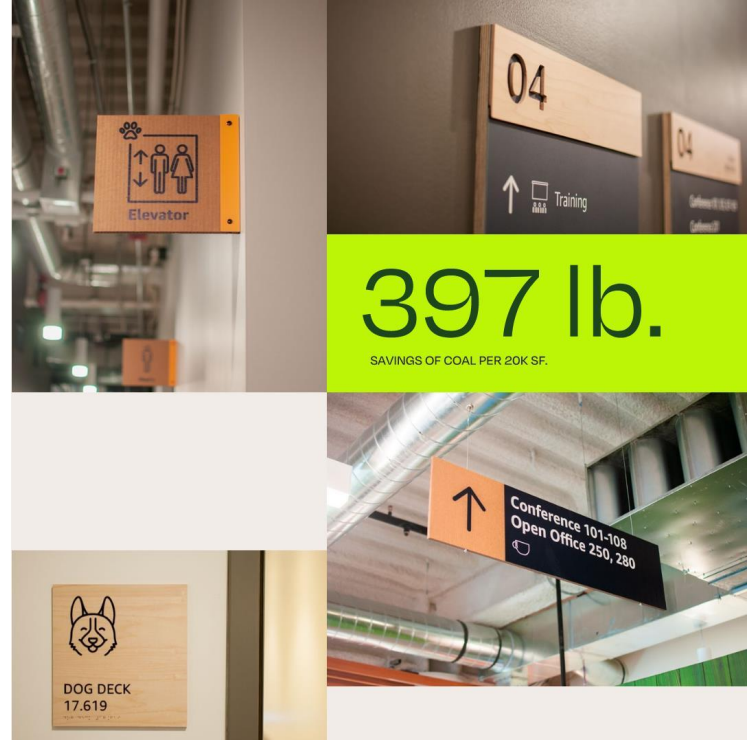
**Assumptions and Exclusions**  
- Calculations do not include material waste that is not salvaged (e.g., Big River & Salmon Creek Forest Protection).  
- The GHG emissions associated with printing big river and salmon creek credits.  
- 82% credits are based on Gender, 2020 GHG emissions (Scope 1, 2020 GHG).  
- Calculations are for a Gender global average reduction target of 32%.  
- Also not of net-zero emissions weight associated with the process.  
- Also not of virginated cardboard weight associated with the process.  
- Calculations compare Gender designed sign system using "Flotekboard" materials to an alternative Gender designed sign system using "Acrylic" materials.

- Sign types that do not appear on typical work orders are not included in this tool sign output.  
- Components that are not included in materials on our asset list (e.g., you can learn more about the availability of all our sign types).  
- The GHG emissions for Flotekboard are not included in other sets of calculations because our database did not include it in other sets of calculations.  
- Flotekboard is included in the sign calculations and GHG emissions are 41.3 and were pulled from EPDs, ECR, and publicly shared market data based on the Gender Flotekboard information available upon request for audit.  
- TRNCO 2.1 and ISO 14020 referenced for sign types.



Gender

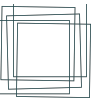
standard with their but one eye at feet of



# 397 lb.

SAVINGS OF COAL PER 20K SF.

# Circularity Pilots and Research



## 3.2 Program and Infrastructure Requirements

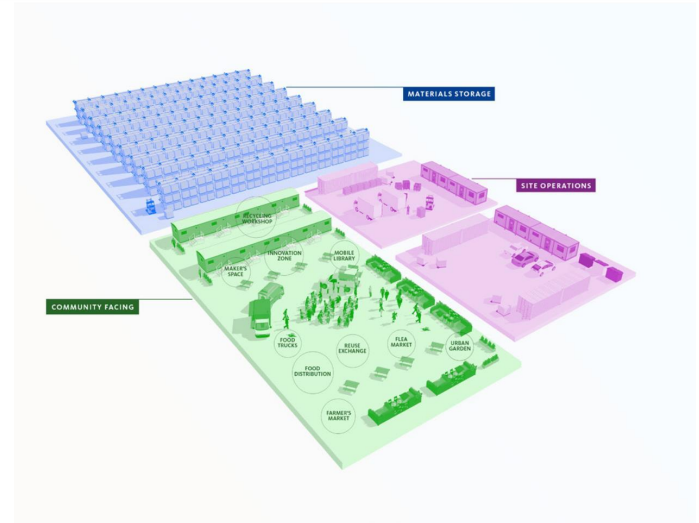
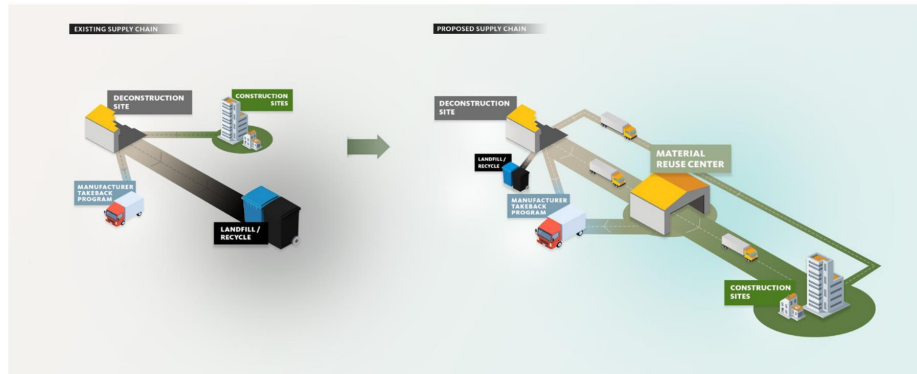
02 | Building Material Reuse Supply Chain Analysis

### 2.1 Supply Chain Analysis

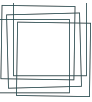
To begin the analysis of commercial construction material reuse supply chain intervention, it's helpful to visualize a simplified diagram of the current supply chain and compare that to a new potential supply chain.

The current system includes commercial interior space undergoing deconstruction or demolition, with materials being sent, on a per project basis, to landfills, to manufacturers for take-back programs, or directly to new tenant improvement construction projects, as described in the Project Context section of Chapter 1.

The proposed supply chain inserts a material reuse center between deconstruction and new construction to increase the amount of materials that are salvaged from deconstruction sites and provide a more prominent and accessible market place for diversion to new commercial interior build-outs and also allow for better aggregation.



# Launch of GPS 2.0



### Market Signal

# Gensler's Product Sustainability (GPS) Standards are a step toward a more circular economy and less carbon-intensive industry

By Kristine Klein • May 14, 2024 • Architecture, Sustainability, Technology



product-sustainability-standards-2-0-draft

NY Sustainability St... G Gensler Product Sus... Vanguard: Helping y... wwwcd.bcomplete.c... Design Resilience R... GC3 Dashboard: Pri... 10\_Octok

Gensler

Research & Insights Expertise Projects People Offices About Careers Contact Us



## Gensler Product Sustainability (GPS) Standards™ v2.0 Criteria Draft - Call for Feedback

Gensler will launch v2.0 of the Gensler Product Sustainability (GPS) Standards on January 1, 2025. We have expanded the reach of the standards by adding 8 new material categories. Industry feedback is a valuable part of this process, and we welcome your comments before January 1, when the criteria is finalized. [Leave your feedback here](#) using our [feedback form](#).

All new v2.0 material categories and updates to v1.1 material category criteria can be downloaded at once here for the [US/Canada](#) and [UK/Europe](#).

### New version 2.0 proposed categories:

- Access Flooring (US/CAN | Europe/UK)
- Broadloom Carpet (US/CAN | Europe/UK)
- Gypsum Board\* (US/CAN | Europe/UK)
- Hollow Metal Doors & Frames (US/CAN | Europe/UK)
- Sandwich Panel (Europe/UK)
- Simulated Stone / Engineered Composite Surface Materials (US/CAN | Europe/UK)
- Textiles (US/CAN | Europe/UK)
- Tile (US/CAN | Europe/UK)
- Wallcovering (US/CAN | Europe/UK)

\*Expanding existing v1.0 / v1.1 product category

### Existing Version 1.0/1.1 categories:

- Acoustic Ceiling Panels, Tiles, and Suspension Grids
- Batt Insulation
- Board Insulation
- Carpet Tile
- Decorative Glass
- Glass Demountable Partitions
- Gypsum Board
- Interior Latex Paint
- Non-Structural Metal Framing
- Resilient Flooring and Base
- Systems Furniture Workstations
- Task Chairs



# A Common Materials Language

- The framework gives structure to over 650 data “factors” identified within these programs relevant to material sustainability. This is the common language our industry has needed to drive accountability and momentum.
- Gensler has an ongoing partnership with mindful MATERIALS to align Gensler’s material disclosure asks with the CMF.





## What it is ✓

- ✓ **A COMPREHENSIVE set of sustainability criteria ranging from carbon to health**
- ✓ **Focus on 12 high-impact, market-ready materials WITHIN OUR CONTROL, for version 1.0!**
- ✓ **A standard built on INDUSTRY NORMS and established criteria**
- ✓ **An EVERGREEN standard with continual improvement, increased stringency, and expansion to include additional materials over time**

## What it isn't ✗

- ✗ **A materials standard focused exclusively on EMBODIED CARBON**
- ✗ **Focus on STRUCTURAL materials (concrete and steel) or curtain walls, version 2.0!**
- ✗ **A unique Gensler set of criteria and DEVIATION from the common material framework**
- ✗ **A ONE-TIME effort**

# Introduction to Gensler's Material Requirements

## 12

### HIGH IMPACT MARKET-READY PRODUCTS

- Acoustic Ceiling Panels, Tiles, and Suspension Grids
- Batt Insulation
- Board Insulation
- Carpet Tile
- Decorative Glass
- Glass Demountable Partitions
- Gypsum Board
- Interior Latex Paint
- Non-structural Metal Framing
- Resilient Flooring and Base
- Task Chairs

## 5

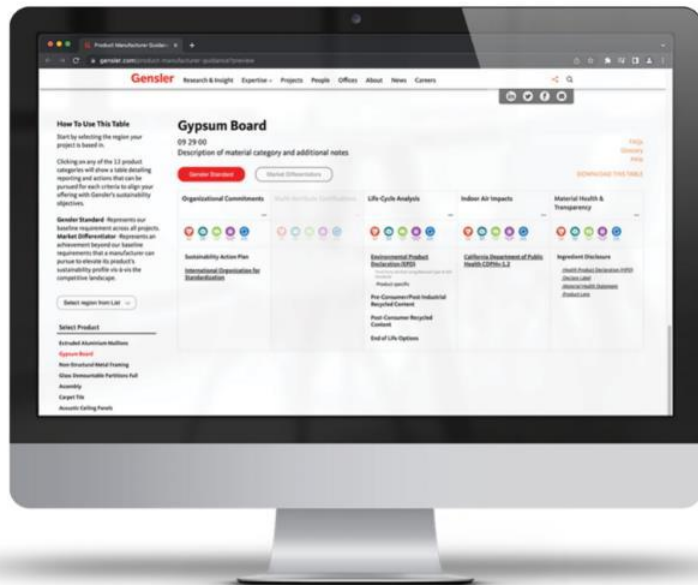
### IMPACT AREAS

- Organizational Commitments
- Multi-attribute Certifications
- Lifecycle Impacts
- Indoor Air Impacts
- Material Health and Transparency

## 2

### LEVELS OF PERFORMANCE

- Gensler Standard
- Market Differentiators







# Introduction to Gensler's Material Requirements

**GPS Standards v1.0**

**How to use the GPS Standards**  
Click on any of the 12 product categories below to display a table detailing reporting and actions that can be pursued for each criterion to align your offering with Gensler's sustainability objectives.

**Gensler Standard** represents our baseline requirements.

**Market Differentiator** represents achievements beyond our requirements for those manufacturers who seek to be leaders in sustainability.

**Region**  
US/Canada

**Select Product Category**  
Acoustic Ceiling Tile and Panel Systems  
Batt Insulation  
Board Insulation  
Carpet Tile  
Decorative Glass  
Glass Demountable Partitions  
Gypsum Board  
Interior Latex Paint  
Non-Structural Metal Framing  
Resilient Flooring and Base  
Systems Furniture  
Task Chairs

**Carpet Tile**  
CSI Division: 09 68 13  
Not applicable to: Vinyl carpeting, Wall of mats, and Carpet tile for access flooring.

**2 Levels of Performance**

**Organizational Commitments**  
AIA Materials Pledge Impact Areas  
Sustainability Action Plan  
Environmental Product Declaration (EPD)  
Global Warming Potential (GWP)  
Circular Content  
End of Life Options

**Life-Cycle Impacts**  
Environmental Product Declaration (EPD)  
Global Warming Potential (GWP)  
Circular Content  
End of Life Options

**Indoor Air Impacts**  
California Department of Public Health (CDPH) (S-2021) 0  
California Air Resources Board (CARB)  
South Coast Air Quality Management District (SCAQMD) 0

**Material Health & Transparency**  
Ingredient Disclosures

**GPS Standards v1.0**

**How to use the GPS Standards**  
Click on any of the 12 product categories below to display a table detailing reporting and actions that can be pursued for each criterion to align your offering with Gensler's sustainability objectives.

**Gensler Standard** represents our baseline requirements.

**Market Differentiator** represents achievements beyond our requirements for those manufacturers who seek to be leaders in sustainability.

**Region**  
US/Canada

**Select Product Category**  
Acoustic Ceiling Tile and Panel Systems  
Batt Insulation  
Board Insulation  
Carpet Tile  
Decorative Glass  
Glass Demountable Partitions  
Gypsum Board  
Interior Latex Paint  
Non-Structural Metal Framing  
Resilient Flooring and Base  
Systems Furniture  
Task Chairs

**Carpet Tile**  
CSI Division: 09 68 13  
Not applicable to: Vinyl carpeting, Wall of mats, and Carpet tile for access flooring.

**12 High Impact Market Ready Materials**

**Organizational Commitments**  
AIA Materials Pledge Impact Areas  
Sustainability Action Plan  
Environmental Product Declaration (EPD)  
Global Warming Potential (GWP)  
Circular Content  
End of Life Options

**Life-Cycle Impacts**  
Environmental Product Declaration (EPD)  
Global Warming Potential (GWP)  
Circular Content  
End of Life Options

**Indoor Air Impacts**  
California Department of Public Health (CDPH) (S-2021) 0  
California Air Resources Board (CARB)  
South Coast Air Quality Management District (SCAQMD) 0

**Material Health & Transparency**  
Ingredient Disclosures





# Introduction to Gensler's Material Requirements

## GPS Standards v1.0

**How to use the GPS Standards**

Click on any of the 12 product categories below to display a table detailing reporting and actions that can be pursued for each criterion to align your offering with Gensler's sustainability objectives.

**Gensler Standard** represents our baseline requirements.

**Market Differentiator** represents achievements beyond our requirements for those manufacturers who seek to be leaders in sustainability.

Region

US/Canada

Select Product Category

- Acoustic Ceiling Tile and Panel Systems
- Batt Insulation
- Board Insulation
- Carpet Tile**
- Decorative Glass
- Glass Demountable Partitions
- Gypsum Board
- Interior Latex Paint
- Non-Structural Metal Framing
- Resilient Flooring and Base
- Systems Furniture
- Task Chairs

### Carpet Tile

CSI Division: 09 68 13

**Not applicable to:** Woven carpeting, Walk off mats, and Carpet tile for access flooring.

**Gensler Standard** | **Market Differentiator**

Organizational Commitments	Multi-Attribute Certifications	Life-Cycle Impacts	Indoor Air Impacts	Material Health & Transparency
<p>AIA Materials Pledge Impact Areas</p> <p>Sustainability Action Plan</p> <p>Provide a publicly available action plan or statement addressing your company's commitment to sustainable practices.</p>	<p style="text-align: center; font-size: 2em; font-weight: bold;">Carbon Reduction Targets</p>	<p>Environmental Product Declaration (EPD)</p> <p>Note below which type of EPD is required Product Specific EPD</p> <p><b>Global Warming Potential (GWP)</b></p> <p>kg of CO<sub>2</sub> eq per functional unit/coverage: 41-43 10.9 kg of CO<sub>2</sub> eq per m<sup>2</sup></p> <p><b>Circular Content</b></p> <p>Report % of content by weight</p> <ul style="list-style-type: none"> <li>Pre-Consumer Recycled Content</li> <li>Post-Consumer Recycled Content</li> <li>Biobased Content</li> </ul> <p><b>Manufacturing Facility Location</b></p> <p>Required to report location.</p> <p><b>End of Life Options</b></p> <p>Manufacturer Take Back Program</p>	<p>California Department of Public Health (CDPH-1.2-2017)</p> <p>Provide at least one of the VOC emissions certifications that use this testing standard.</p> <p>California Air Resources Board (CARB)</p> <p>For wall applied components or composite wood</p> <p>South Coast Air Quality Management District (SCAQMD)</p> <p>For wall applied components</p>	<p>Ingredient Disclosure</p> <p>Provide one of the following disclosures with no more than 25% of ingredients undisclosed or listed as proprietary.</p> <p>Health Product Declaration (HPD) - 1000ppm</p> <p>UL Product Lists - 1000ppm</p>



# Introduction to Gensler's Material Requirements

## GPS Standards v1.0

**How to use the GPS Standards**

Click on any of the 12 product categories below to display a table detailing reporting and actions that can be pursued for each criterion to align your offering with Gensler's sustainability objectives.

**Gensler Standard** represents our baseline requirements.

**Market Differentiator** represents achievements beyond our requirements for those manufacturers who seek to be leaders in sustainability.

**Region**

US/Canada

**Select Product Category**

- Acoustic Ceiling Tile and Panel Systems
- Batt Insulation
- Board Insulation
- Carpet Tile**
- Decorative Glass
- Glass Demountable Partitions
- Gypsum Board
- Interior Latex Paint
- Non-Structural Metal Framing
- Resilient Flooring and Base
- Systems Furniture
- Task Chairs

### Carpet Tile

CSI Division: 09 68 13

Not applicable to: Woven carpeting, Walk off mats, and Carpet tile for access flooring.

Gensler Standard Market Differentiators

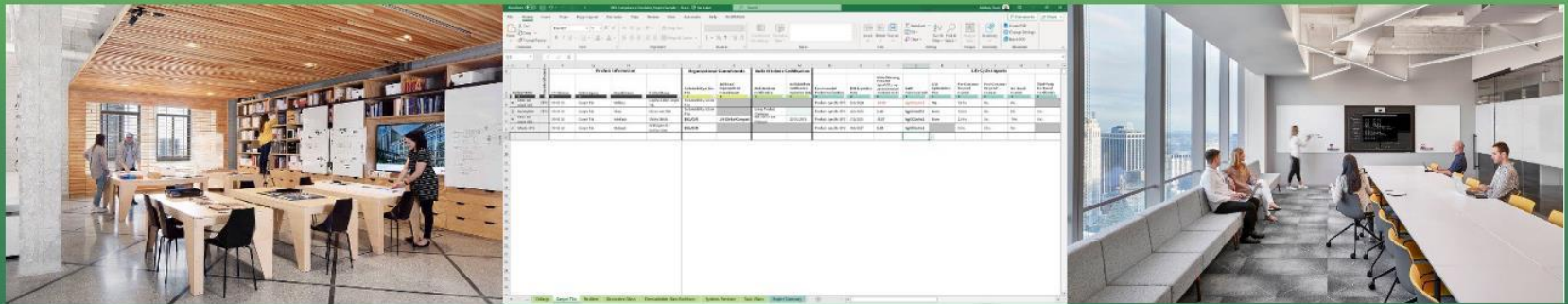
## 5

### Areas of Impact

Organizational Commitments
Multi-Attribute Certifications
Life-Cycle Impacts
Indoor Air Impacts
Material Health & Transparency

<p><b>AIA Materials Pledge Impact Areas</b></p> <p><b>Sustainability Action Plan</b> <span style="color: green;">✔</span></p> <p><small>Provide a publicly available action plan or statement addressing your company's commitment to sustainable practices.</small></p>	<p><b>Environmental Product Declaration (EPD)</b></p> <p><small>Take below which type of EPD is required</small></p> <p>Product Specific EPD</p> <p><b>Global Warming Potential (GWP)</b></p> <p><small>kg of CO<sub>2</sub> eq per functional unit from stages A1-A3</small></p> <p>10.9 kg of CO<sub>2</sub> eq per m<sup>2</sup></p> <p><b>Circular Content</b></p> <p><small>Report % of content by weight</small></p> <p>Pre-Consumer Recycled Content</p> <p>Post-Consumer Recycled Content</p> <p>Biobased Content</p> <p><b>Manufacturing Facility Location</b></p> <p><small>Required to report location.</small></p> <p><b>End of Life Options</b></p> <p><small>Manufacturer Take Back Program</small></p>	<p><b>California Department of Public Health (CDPH) 1-2-2017</b> <span style="color: green;">✔</span></p> <p><small>Provide at least one of the VOC emissions certifications that use the following standard.</small></p> <p><b>California Air Resources Board (CARB)</b></p> <p><small>For wet-applied components or composite wood</small></p> <p><b>South Coast Air Quality Management District (SCAQMD)</b></p> <p><small>For wet-applied components</small></p>	<p><b>Ingredient Disclosure</b> <span style="color: green;">✔</span></p> <p><small>Provide one of the following disclosures with no more than 20% of ingredients undisclosed or listed as proprietary.</small></p> <p><a href="#">Health Product Declaration (HPD) - 1000ppm</a></p> <p><a href="#">UL Product Lens - 1000ppm</a></p>

# → GPS + Manufacturers



## DESIGN CENTER PRODUCTS

- All applicable materials in our design centers must meet Gensler Product Standard criteria

## DESIGN CENTER OUTREACH

- Materials librarians will ask manufacturers to complete a compliance checklist for their products, and to provide sustainability disclosures to third-party databases

### *Future*

API to existing third-party databases

## MANUFACTURER ROUNDTABLES

- Planning in progress for 2024.

### *Key Contacts*

Ben Holsinger  
[Benjamin\\_Holsinger@gensler.com](mailto:Benjamin_Holsinger@gensler.com)

Mila Garcia  
[Mila\\_Garcia@gensler.com](mailto:Mila_Garcia@gensler.com)

# Implementation Tools

→ How to GPS Deck



→ Updated Specifications



→ Materials Database



→ Contractor Kick-off Deck



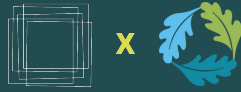
→ Materials Library Guidelines





Successful market transformation requires all of us. Every ask takes us another step in the right direction.

*And together, it adds up.*



Sponsored by:

*National  
Gypsum*

 Material  
Bank

**mM EDUCATION SESSION #2**

# 2024 State of the Building Industry Report: Journey to the Materials Easy Button



**Myrrh Caplan**  
Skanska



**David Briefel**  
Gensler



**Amy Musanti**  
ASSA ABLOY



**Annie Bevan**  
mindful MATERIALS

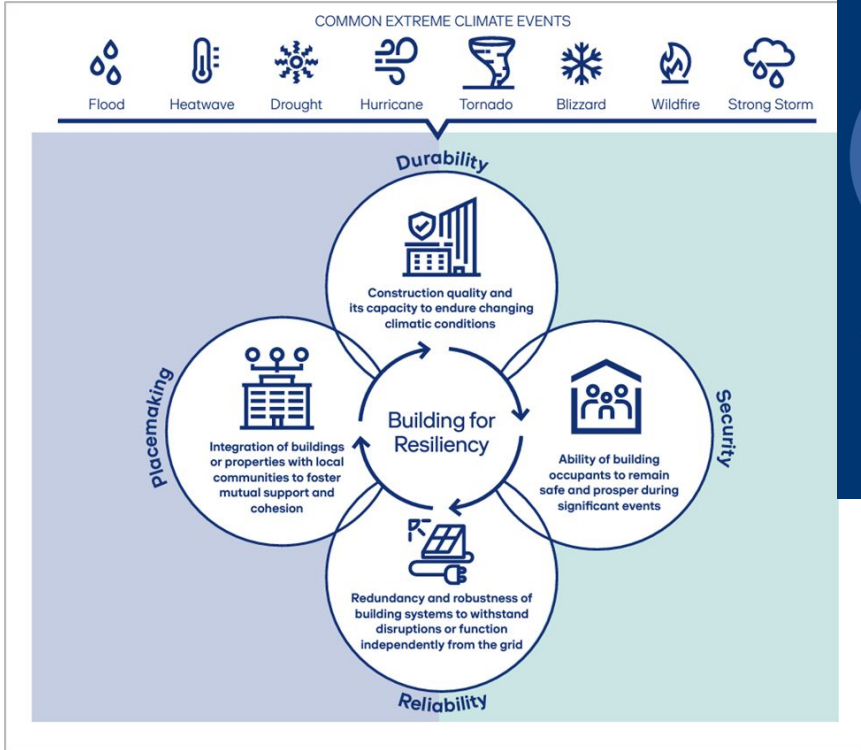
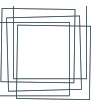
Moderator



Expectations on what the built environment can do (and should do) have changed...



# Moving from Better to Best Outcomes



## 2022 Diversity and Inclusion Annual Report

Executive Summary

Skanska USA Building Inc.

The \$20.4 million elementary school renovation created an 85,000-sq-ft LEED® Platinum-certified, 21st century learning environment in one of the most disadvantaged neighborhoods in Washington, D.C.

**50%**

of the project workforce were D.C. residents

**56%**

of the subcontract spend went to D.C.-based MBEs

### Construction Management Building Blocks™ (CMBB)

**800+** Skanska USA Building Inc. employees have graduated from our new CMBB program.

Launched in 2007, Skanska's CMBB program equips MWBE participants with the knowledge and tools to thrive in the construction industry. Taught by Skanska team members and other industry professionals, the program covers topics ranging from preconstruction and HR to risk management.

University of South Florida (USF) partners with Skanska on CMBB in Tampa, Florida. We partnered with USF on a CMBB program called the USF Mentor-Protégé Program, which completed its second year in 2022. Upon graduating, each participant received a Skanska mentor and was offered a scholarship for a financial management program led by the Muma College of Business Small Business Development Center.

**Derrick Fulwood**  
Owner, AAA Restoration & Builders Team LLC

"I was ecstatic to be chosen for the USF Mentor-Protégé Program. The training has given me the confidence to take on larger projects because the mentors taught us how to break projects down, not let the numbers overwhelm us, and seek out the proper subcontractors to assist us. Thanks to this training, I know my company is going to grow!"

### D&I and Sustainability

While Skanska actively supports all the United Nations Sustainable Development Goals (SDGs), we've identified seven where our business will have the most impact.

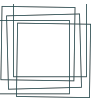
[Read Skanska's Annual and Sustainability Report 2022](#)

### Renewable resources, renewing lives

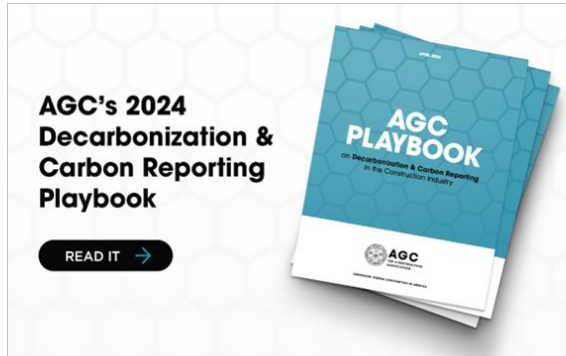
The Kendeda Building for Innovative Sustainable Design at Georgia Tech (The Kendeda Building) is the first educational facility in the Southeast to earn The Living Building Challenge v1.1 certification. While renewable resources were at the heart of its construction, the strategy didn't stop at building materials.



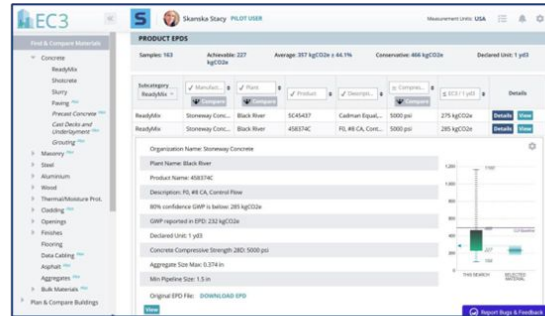
# Moving the Industry Forward



## Industry-level



<https://www.agc.org/climate-change-playbook>



EC3 at <https://www.buildingtransparency.org>

## Materials



# Strategy Must Be About Action!

## Projects



## Community





# 1550 on the Green

- 32% less energy use than typical building
- Utilizing District Cooling
- Demand Control Ventilation and Energy Recovery Unit
- 60% reduction in embodied carbon via EC3 tool



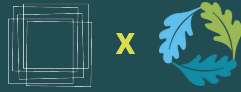
1550 on the Green, Houston, TX, U.S.

# Resilience

SKANSKA



**Q+A**



# Thank you!

Thank you to our Education Session  
sponsors:

*National*   
*Gypsum*®

 **Material  
Bank**®