

GORDON[®]

INCORPORATED

SUSTAINABLE ARCHITECTURAL METAL PRODUCTS

High Recycled Content

Daylight Harvesting

Acoustical Performance

Durable Surfaces

Low-Emitting Materials

Solar Shading

Air Exchange

Improved Energy Performance

LITTLE CAESAR'S ARENA
Detroit, MI



ECO•Solutions

SUSTAINABLE ARCHITECTURAL METAL PRODUCTS FOR GREEN ENVIRONMENTS



LEED® CONTRIBUTION

ENERGY AND ATMOSPHERE

EA Credit 1 – Optimize Energy Performance

Gordon's Light Shelf, Perimeter Pockets, Screenwalls, Data Center Containment Walls, and Exterior Louvers improve energy performance and reduce economic impact associated with excessive energy use.

MATERIALS AND RESOURCES

MR Credit 4 – Recycled Content

Aluminum Extrusions, Aluminum and Steel coil products, Brake formed components, Column Enclosures, ALPRO® panels and baffles, Aluma Vault panels and scribed trim, BOLD BEAM, Wall Systems, Light Shelf brackets, SOFFIT-SHIELD™

Recycled content values are subject to change. Contact Gordon for exact recycled content by product.

- **Aluminum Extrusions** - 38.1% recycled²
 - 29.4% pre-consumer content
 - 8.7% post-consumer content
- **Aluminum Coil** - 23% recycled²
 - 21% pre-consumer content
 - 2% post-consumer content
- **Steel Coil** - 81.1% recycled²
 - 52.9% pre-consumer content
 - 28.2% post consumer content
- **Vinyl Extrusions** - 5% recycled²
 - 5% pre-consumer content
- **Fiberglass Insulation** - 58% recycled²
 - 22% pre-consumer content
 - 36% post consumer content

(PVC and Polyethylene bags that encapsulate the insulation are not recycled)

MR Credit 5 – Regional Materials

Recovered raw materials are received from regional suppliers. All excess drop materials that naturally occur in the manufacturing process are recycled locally. LEED credits are available if the project is within a 500 mile radius. Gordon is centrally located to most U.S. Markets.





EPDs and LCAs are available

LEED® CONTRIBUTION

INDOOR ENVIRONMENTAL QUALITY

**IEQ Credit 3.1 and 3.2 –
Construction IAQ Management Plan –
During Construction and Before Occupancy**

Products are pre-engineered to fit and reduce field cutting during installation.

- Fewer indoor air quality problems
- Less scrap and debris – cleaner work environment
- Less noise pollution caused by field cutting of materials
- Maintains comfort and well-being of workers and occupants

**IEQ Credit 4.2 –
Low-Emitting Materials: Paints and Coatings**

Factory finished products eliminates the need for field painting.

- Prevents odorous and irritating air contaminants
- Introduces no hazardous waste
- Contributes no VOCs
- Maintains comfort and well-being of workers and occupants

**IEQ Credit 8.1 –
Daylight and Views - Daylight**

Gordon provides solar control products such as Exterior Louvers and Screenwalls to shade daylight as well as Light Shelf that harvest daylight.

**LEED for Schools (New Construction and Major
Renovations) IEQ Prerequisite 3 -
Minimum Acoustical Performance**

Gordon acoustical ceiling and wall systems reduce noise to 45 dBA max as well as meet the Reverberation Time (RT) requirements of ANSI Standard S12.60-2002, Acoustical Performance Criteria, Design Requirements and Guidelines for Schools.

**IEQ Credit 9 -
Enhanced Acoustical Performance**

Gordon systems utilize effective acoustical design, providing improved speech intelligibility between teachers and their students as well as among student work groups. As a result, background noise is reduced in classrooms to 40 dBA or less.

INNOVATION & DESIGN PROCESS

Gordon products provide innovative performance and can earn additional LEED points above the standard requirements set by LEED.

- Acoustical Performance for improved speech intelligibility
- ACROSTAT™ anti-microbial finishes that reduce bacteria in the environment and promote the well-being of occupants
- SOFFIT-SHIELD exterior cladding and fascia products are patented and Miami-Dade County approved. This system provides a high protection for the building envelope that endures extreme weather conditions, such as tornadoes and hurricanes.

Patent No.: US 8,166,728 B1

Miami-Dade County, Notice of Acceptance, N.O.A.

No. 13-0813.24, Expiration Date: August 14, 2018



OUR ECO-PHILOSOPHY - *Cradle to Cradle*

Our Environmental Policy is embodied in our Core Values, Beliefs, and Principles. It is the responsibility of every Gordon employee to continually identify new and expanded opportunities to not only recycle, but to reduce the root causes of waste.

Supporting Sustainability:

- **ULE CERTIFICATION:** EPDs (Environmental Product Declarations) and LCAs (Life Cycle Assessments) are available.
- **REGULATORY REPORTING:** Our processes are such that Regulatory Reporting is not Required.
 - Environmental Protection Agency (EPA) - Status - Compliant
 - EPA Department of Environmental Quality (DEQ) - Status - Compliant
- **RECYCLED ALUMINUM** is the principle substrate we utilize in the manufacture of our ceiling and wall systems, providing the following attributes:
 - Affordable
 - Lightweight
 - Environmental - Exterior and Interior applications
 - Class A Fire Rating
 - Reduced Freight Costs
 - Reduced Labor Costs
 - Ease of Installation
- **STRONG RECYCLING INITIATIVE** prevails in all Gordon manufacturing processes. Excess drop materials that naturally occur in the manufacturing processes are returned to local recyclers. All post consumer photocopy paper is collected and recycled.
- **FINISHES**
 - Our in-house finishing facility uses only water-soluble materials in our pre-treatment process yielding no VOCs.
 - All overflow from this process is approved for introduction into our city water treatment plant without adverse impact to the environment.
 - No hazardous materials are used in this or any other process within our facility.
 - Non-vinyl wood grain laminate films are available
- **ACOUSTICAL PERFORMANCE**
 - Gordon perforated ceiling and wall systems, provided with the appropriate acoustical media, will meet the Reverberation Time (RT) requirements of ANSI Standard S12.60-2002, Acoustical Performance Criteria, Design Requirements and Guidelines for Schools.
 - Meets LEED for Schools IEQ Prerequisite 3 and Credit 9 for enhanced acoustical performance
- **PAPER-BASED MATERIALS**, utilized in packaging and marketing materials such as brochures and binders, are recycled.
- **WOOD-BASED MATERIALS**, utilized in packaging and shipping for finished products, are recycled.



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¹ LEED® is a registered trademark of the U.S. Green Building Council.
 The LEED® Certification Mark is a registered trademark owned by the USGBC and is used with permission.
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² Recycled Content values are subject to change. Contact factory for specific recycled content requirements.

