

# ECO•Solutions

TOTAL SYSTEM SOLUTIONS FOR A GREEN ENVIRONMENT



THE PALAZZO RESORT CASINO  
Las Vegas, NV



# ECO•Solutions

## TOTAL SYSTEM SOLUTIONS FOR A GREEN ENVIRONMENT

### OUR ECO-PHILOSOPHY - *Cradle to Cradle*

- **GORDON** has achieved freedom from Regulatory Reporting
  - Environmental Protection Agency (EPA) - COMPLIANT
  - EPA Department of Environmental Quality (DEQ) - 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 our suppliers for recycling.
- **FINISHING**
  - Our in-house finishing facility uses only water-soluble / biodegradable materials yielding no VOC's.
  - All waste from this process is rated safe for discharge into our city storm sewer system which is ultimately delivered to our city waste water treatment plant with no adverse impact to the environment.
  - No hazardous materials are used in this or any other process within our facility.
- **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 EQ Prerequisite 3 for required acoustical performance

*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.*

**GORDON**  
INCORPORATED

**GORDON**  
INTERIOR SPECIALTIES DIVISION

**GORDON**  
CLEANROOM PRODUCTS DIVISION

**ALPRO**<sup>®</sup>  
ACOUSTICAL SYSTEMS

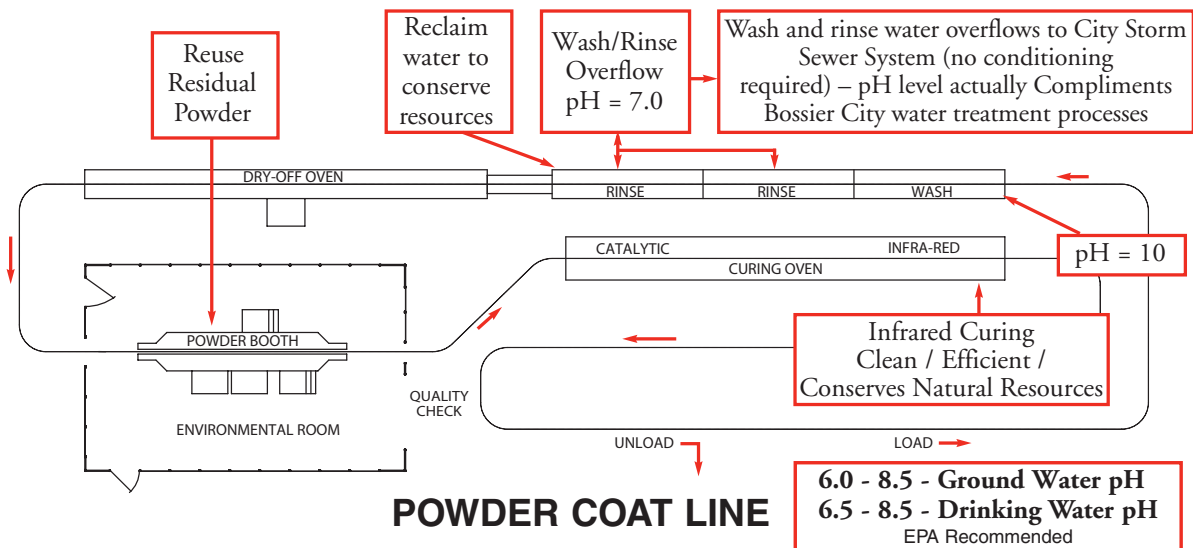
**GORDON**  
CORRECTIONS DIVISION



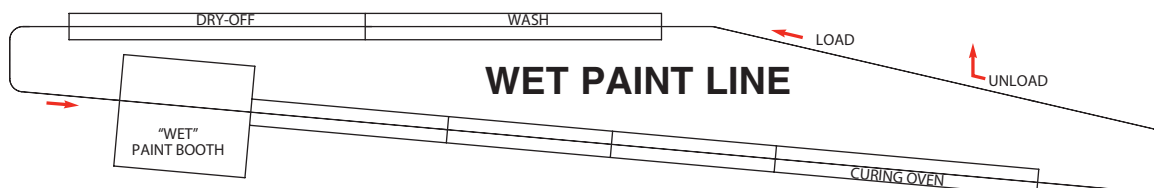
## INNOVATION IN DESIGN: GREEN IN-HOUSE FINISHING PRACTICES

**The Partnership for Safe Water: Directors Award of Recognition**

The Bossier City, Louisiana Water System has maintained the Directors Award for 5 years, an honor achieved by only 140 water utilities in the USA.


**Gordon Finishing –**
**Contributing to the Protection of Our Environment**

- No VOC's
- Clean pre-treatment
- Water Soluble / biodegradable
- Waste Water - No Heavy Metals
- Continual titration monitoring
- Finishes - Acrylic "Wet", Powder Coat, ACROGUARD® Powder Coat
  - Solvent-free
  - Unpigmented acrylic paints and acrylic, polyester, hybrid, and epoxy powder coat finishes
  - Meets USDA, EPA, AAMA, and ASTM specifications
  - Nonflammable
- REVELATION® Finishes
  - TGIC free
  - Inks are water based, non toxic
  - Film is derived from (recycled) paper



LEED®<sup>1</sup> CREDITS

- **Indoor Environmental Quality** - LEED EQ Credit 3.1 and 3.2 – Construction IAQ Management Plan – During Construction and Before Occupancy

Most products shipped from our plant are custom sized, reducing the need for 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
- Comfort and well being of workers and building occupants

- **Indoor Environmental Quality** - LEED EQ Credit 4.2 – Low Emitting Materials: Paints and Coatings

Most products shipped from our plant do not require additional field painting.

- Prevents odorous and irritating air contaminants
- Comfort and well being of workers and building occupants
- Biodegradable pre-treatment (No phosphates)
- No hazardous waste
- No VOC's
- No heavy metals

- **Materials and Resources** - LEED MR Credit 4.1 and 4.2 – Recycled Content

- 60% recycled aluminum extrusions
  - 48% pre-consumer content
  - 12% post consumer content
- 96% recycled aluminum coil
  - 48% pre-consumer content
  - 48% post consumer content
- 57% - 87% recycled steel coil
  - 7% - 14% pre-consumer content
  - 50% - 73% post consumer content

- **Materials and Resources** - LEED MR Credit 5.1 and 5.2 – 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.

- **Innovation & Design Process**

Gordon products can provide innovative performance and be awarded LEED points above the requirements set by LEED.



- **LEED for Schools (New Construction and Major Renovations) – Indoor Environmental Quality** - LEED EQ Prerequisite 3: Minimum Acoustical Performance –

- Gordon perforated ceiling and wall systems, provided with the appropriate acoustical media, will reduce noise, allowing for effective communication, and will meet the Reverberation Time (RT) requirements of ANSI Standard S12.60-2002, Acoustical Performance Criteria, Design Requirements and Guidelines for Schools.

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