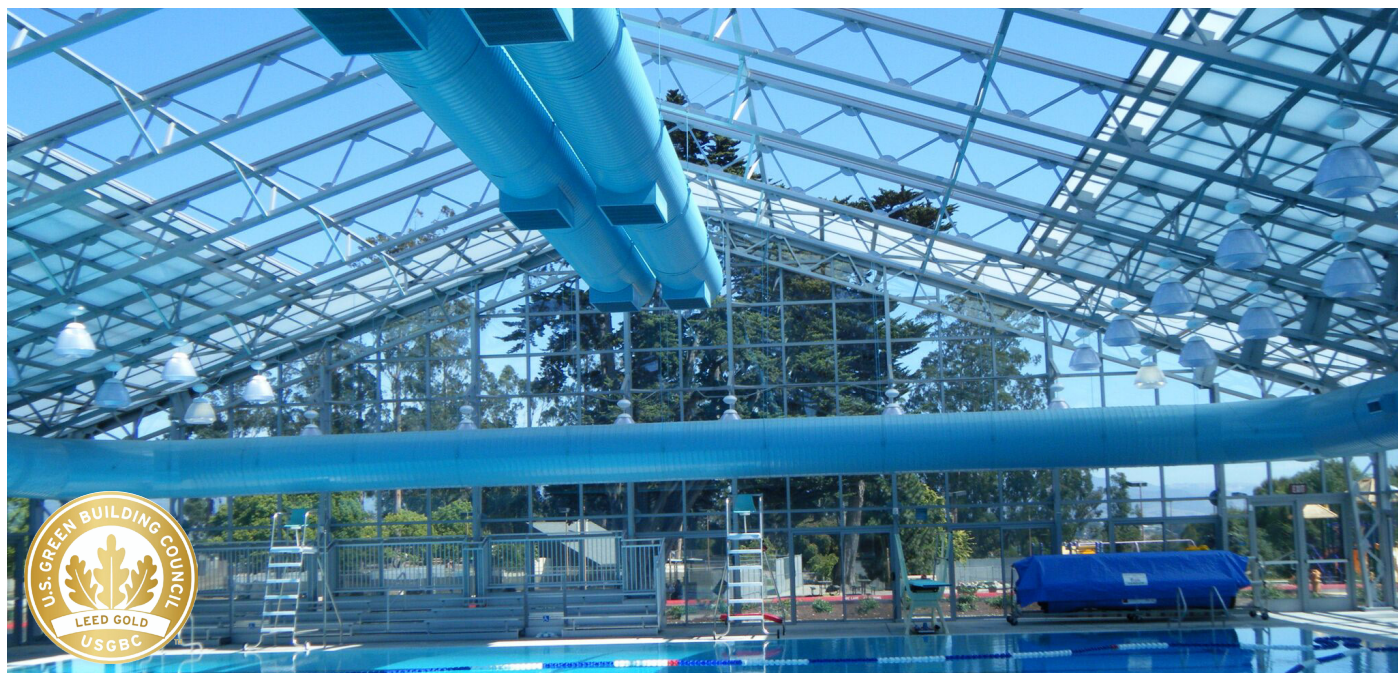


# OpenAire for Green Buildings and LEED Certified Structures



## Who We Are

OpenAire is the world's premier designer, manufacturer and installer of retractable roof enclosures and operable skylights. OpenAire's enclosures and skylights are found in distinctive venues around the globe including waterparks, resorts, restaurants, private residences, community centres, sports facilities and vacation destinations.

## What We Do

With over 25 years in business, OpenAire custom designs, manufactures and installs roof enclosures and skylights for large-span public, commercial, private structures and domes. OpenAire has completed over 1000 projects throughout the United States, Canada, Europe, Eastern Europe and the Middle East. These projects exhibit an incredible versatility, where our structures are built to perform in built in challenging environments, from mountain terrain to tropical climates.

We work with architects, developers, construction contractors, consultants and other international clients throughout each stage of the design and construction process: from design inception, to manufacturing and installation, to project completion and hand-over. OpenAire can custom design a solution to suit all of your project needs, including unique, complicated systems that no one else can do.

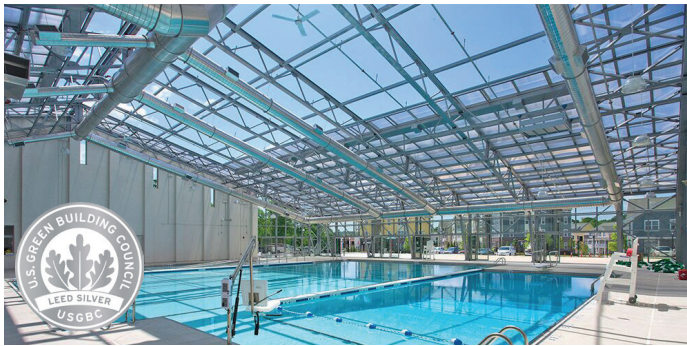
## 25 Years of Green Building

OpenAire structures create natural ventilation, which substantially reduces a building's reliance on a mechanical HVAC system for dehumidification and ventilation. The reduced reliance on mechanical ventilation generates substantial energy savings in the long-term.

As a result, OpenAire structures contribute significantly to Leadership in Energy and Environmental Design (LEED) certification, for both New Construction and Core and Shell rating systems. By working with us in the planning stages of your project, you will maximize LEED points while improving overall building performance.

### Green Benefits of OpenAire Retractable Roof Enclosures and Operable Skylights

- Up to 27% reduction in energy consumption
- Green materials including aluminum and polycarbonate
- Roofs that open, generating substantial savings through:
  - Natural ventilation
  - Heat exhaustion through retracted roof
  - Minimal use of HVAC



## Contributions to LEED Points for New Construction and Core and Shell Rating Systems

### Energy Efficiency and LEED

#### Credit 1 – Optimize Energy Performance

- Retractable roof requires less energy for operation
- 20 % – 30 % energy cost savings over traditional construction

#### Credit 2 – On-site Renewable Energy

- Roof systems can be integrated with renewable energy systems such as building-integrated photovoltaic (PV) arrays

### Water Efficiency

#### Credit 1 – Water Efficient Landscaping

- Roofs collect storm water through a series of gutter systems
- Can be integrated into landscaping irrigation systems

### Material & Resources

#### Credit 4 – Recycled Content

- Some materials contain recycled content that can qualify for LEED points

#### Credit 5 – Regional Materials

- System components are sourced and manufactured within 500 miles (804 kilometres) of the building location

### Indoor Environment Quality

#### Credit 4.1 – Low-Emitting Materials – Adhesives and Sealants

- All adhesives and sealants are compliant with LEED VOC limits

#### Credit 4.2 – Low-Emitting Materials – Paints and Coatings

- All painting occurs off-site using low-emitting materials

#### Credit 8.1 – Daylight and Views – Daylight

#### Credit 8.2 – Daylight and Views – Views

- Provide 100 % day lighting and views to enclosed spaces

### Sustainable Sites

#### Credit 5.2 Site Development, Maximize Open Space

- Buildings open up easily to the outside

#### Credits 6.1 and 6.2 Stormwater Design, Quality Control

- Collect water and easily integrate into storm water management systems

#### Credit 7.2 Heat Island Effect, Roof

- Integrate with other roofing systems that meet SRI LEED requirements



[www.openaire.com](http://www.openaire.com)

CONTACT US TODAY TO FIND OUT  
HOW YOU CAN BRING SKY INTO YOUR DESIGN.

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