Design
Fabrication

Transportation Facilities

Installation
Service

BIRDAIR
Tensile Architectural Structures

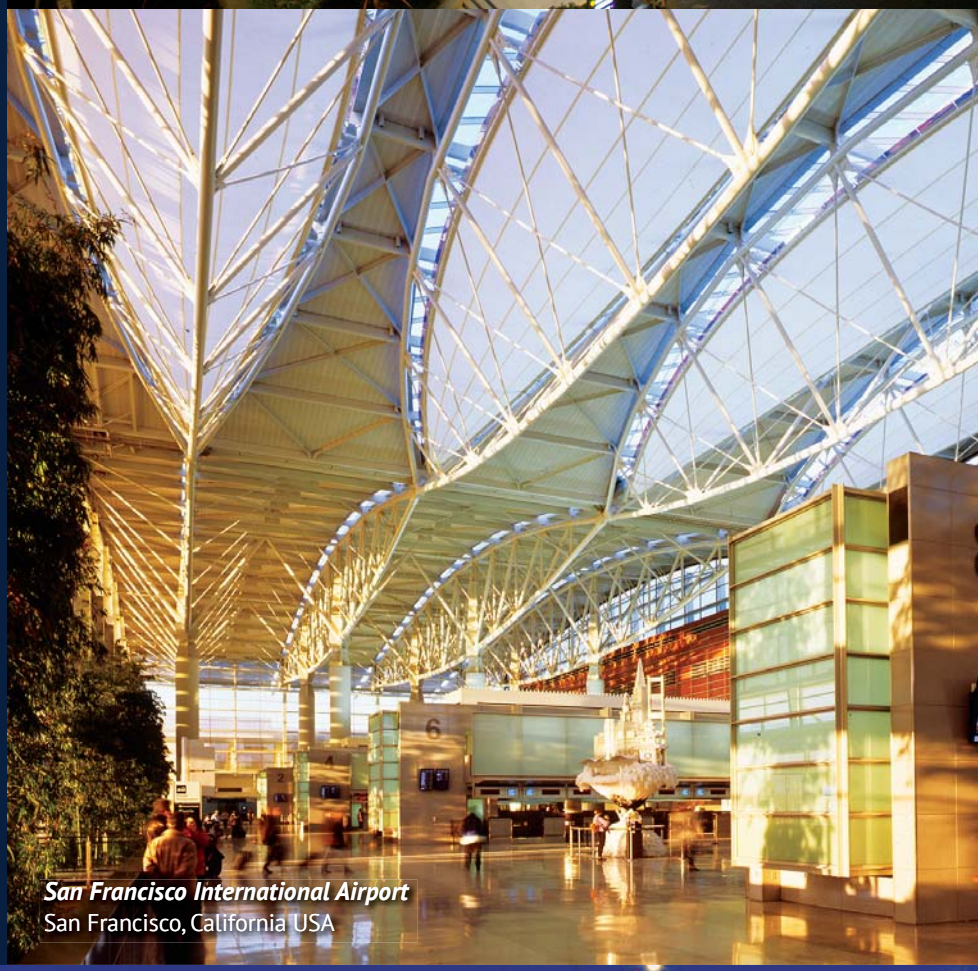
Transportation

For transportation facilities, Birdair tensile architecture offers a unique combination of functionality and aesthetic intrigue, providing comfort and convenience to travelers. These tensioned membrane structures function as weather barriers when installed over walkways, bridges, transit stations and airports, forming an open space unhindered by traditional post supports. As a result, pedestrians experience unencumbered access to all aspects of the transportation venue, resulting in a quicker, more effortless travel experience.

When you are underneath Birdair's tensile architectural structures, ample daylight penetrates through the membrane creating a welcoming atmosphere and a calming quality of light, ultimately reducing the need for artificial lighting and associated energy requirements for the space making it a cost effective solution.

Whether it's a permanent durable structure that needs to last longer than 30 years, an insulated membrane system for thermal performance, or a deployable flexible application, there are a variety of tensile membranes to choose from to meet specific performance criteria for your next building project.

Sebrance Hospital Drop-off Canopies
Seoul, Korea



San Francisco International Airport
San Francisco, California USA

The Rapid Central Station*
Grand Rapids, Michigan USA

Awards
- Outstanding Transit System
  American Public Transportation Association (APTA)

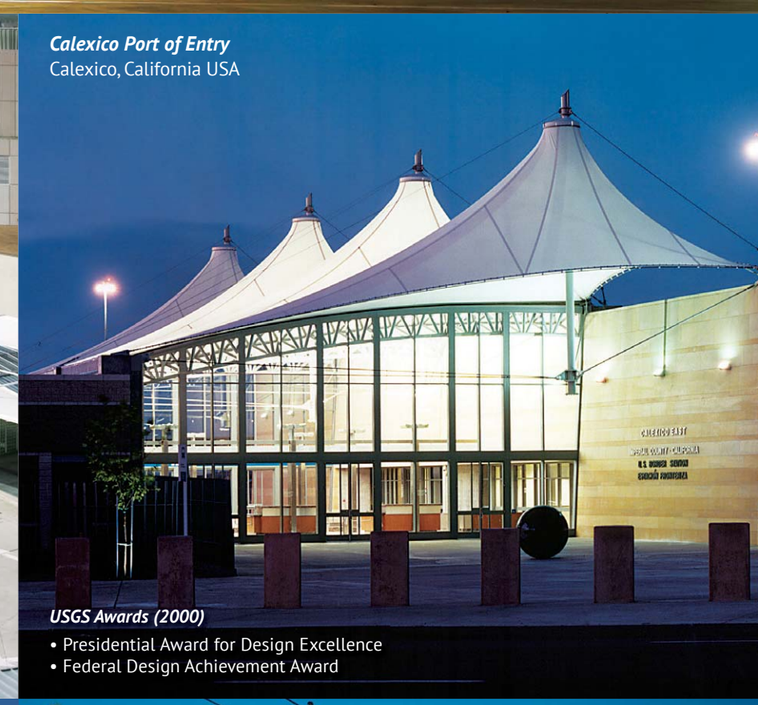
**First LEED® - NC Certified*
Mass Transit Facility in USA

Sharm El Sheikh International Airport
Sharm El Sheikh, Egypt

Amgen Helix Pedestrian Bridge
Seattle, Washington USA

DFW Airport Curbside Canopies
Dallas/Fort Worth, Texas USA

Texas Medical Center Transit Station
Houston, Texas USA



Calexico Port of Entry
Calexico, California USA

USGS Awards (2000)

- Presidential Award for Design Excellence
- Federal Design Achievement Award

Orlando International Airport
Orlando, Florida USA

King Abdulaziz International Airport - Haj Terminal
Jeddah, Saudi Arabia

Texas Medical Center Transit Station
Houston, Texas USA

LA Light Rail Station
Los Angeles, California USA

Los Cabos International Airport
San José del Cabo, Mexico

Shenzhen Toll Booth Canopies
Shenzhen, China

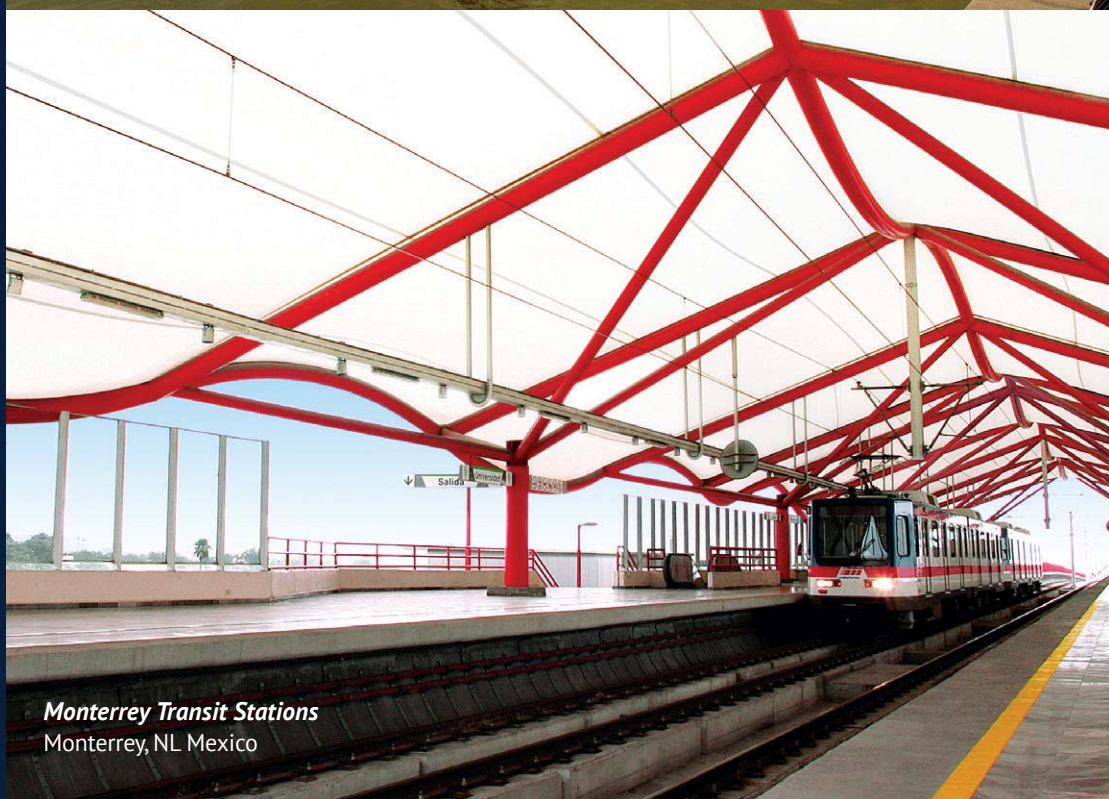
Tri-Rail Station Miami Airport
Miami, Florida USA

Battery Park City Ferry Terminal
New York, New York USA

Fuctional Benefits of Membrane

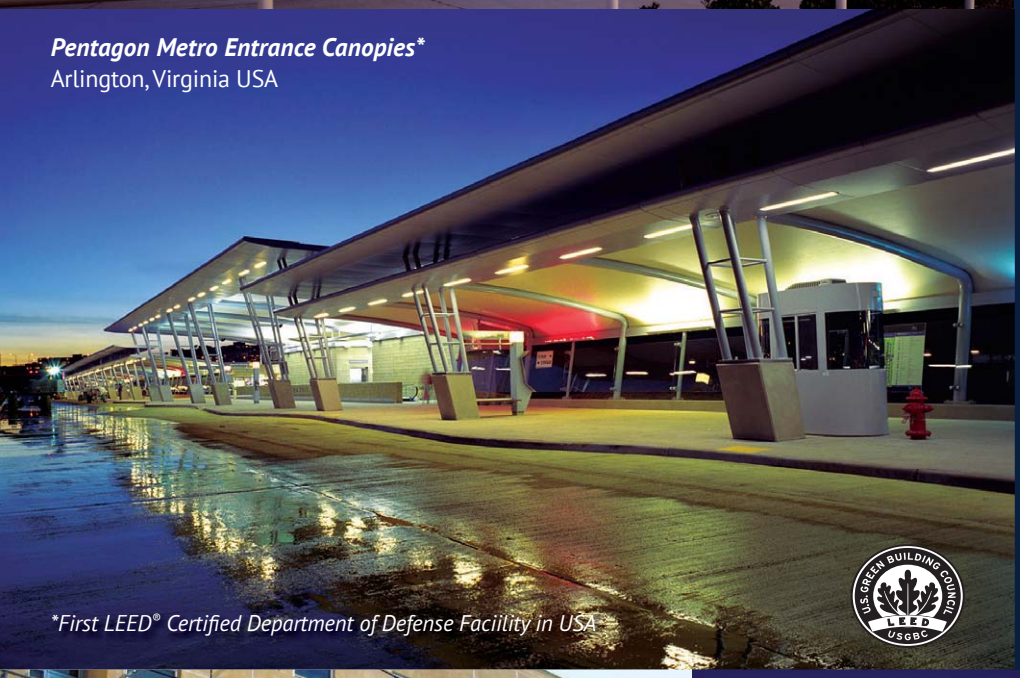
- *Excellent Durability and Long Lasting*
- *Outstanding Light Transmittance*
- *Lightweight Structural Requirements*
- *Low Maintenance*
- *Signature Design Aesthetics*
- *Cost Efficient*
- *Code Compliant*

Birdair offers a selection of architectural fabric membranes, including PTFE fiber-glass, ETFE film, PVC and Tensotherm™, an insulated and translucent tensioned membrane system.



Monterrey Transit Stations
Monterrey, NL Mexico

Gessner Park'n Ride
Houston, Texas USA



Pentagon Metro Entrance Canopies*
Arlington, Virginia USA

**First LEED® Certified Department of Defense Faciility in USA*

Who is Birdair?

Birdair is the leading specialty contractor for custom tensile membrane structures throughout the world.

With more than 55 years of experience, Birdair has worked with owners, architects, engineers and contractors to design and build custom tensile structures used to create innovative roofing systems, canopies and skylights As a turn-key specialty contractor, Birdair provides pre-construction assistance; including design assistance, budgeting, construction methodologies and project schedule development.

Our in-house capabilities consist of design, engineering, fabrication, installation and maintenance. Working closely with architects and their clients, Birdair assists in delivering award-winning solutions by taking an idea and building an icon.

Long Beach Transit Stations
Long Beach, California USA

Palm Springs International Airport
Palm Springs, California USA

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Mak/Max

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Tensile Architectural Structures

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