



Specialty Contracting For Tensile Architecture

1-800-622-2246

www.birdair.com



Canada Place - Vancouver, BC - Canada

## Birdair, Inc. Selected to Retrofit Canada Place's Iconic Sail Roof

Birdair, Inc. has been selected to provide the updated tensile roofing system for Canada Place in Vancouver, British Columbia, Canada. As the provider of Canada Place's original sail fabric, Birdair is proud to be a part of this project.

Birdair will serve as roofing sub-contractor for the Vancouver landmark, replacing the structure's current roof with 91,210 square feet of TiO2-coated PTFE fiberglass fabric membrane that matches the original five-sail design installed in 1984.



The fabric membrane specified for Canada Place requires less maintenance than its predecessor due to its self-cleaning capabilities.

Earn 1 AIA SD/HSW LU Credit



A 1-credit hour AIA HSW/SD learning unit is available from Birdair with its continuing education course entitled, "Defying Gravity With Tensile Architecture" on The Continuing Architect. Learn about the benefits of tensile architecture, the different types of membrane materials, including Tensotherm, and the design-build process for creating a tensile structure.

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The [material also provides other benefits](#), including high durability, weather and fire resistance, and could have a project life expectancy exceeding 30 years.

The \$21-million project will be financed through the Infrastructure Stimulus Fund, a key component of Canada's Economic Action Plan. The Economic Action Plan is aimed at creating jobs and supporting industry, while contributing to the economic health of the country.

A symbol of culture, tourism and economic activity, Canada Place hosts three million visitors per year and generates approximately \$1 billion in economic impact annually for the local economy. Canada Place houses the Port Metro Vancouver cruise ship terminal and corporate office, the Vancouver Convention Centre East, the Pan Pacific Hotel Vancouver, the World Trade Centre office tower and the VINCI parkade.



#### **Expo Estadio**

Rio de Janeiro, Brazil

October 6 - 8

[More info](#)

#### **Greenbuild International**

with Cabot Corporation

Chicago, IL

Booth #745

November 17 - 19

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## Birdair Project Receives 2010 AIA 25-Year Award For Standing Test of Time



The Hajj Terminal at King Abdul Aziz International Airport in Jeddah, Saudi Arabia, featuring a Birdair tensioned membrane roofing system has received the [AIA 25-Year Award](#) from the American Institute of Architects (AIA).

Completed in 1981, the Hajj Terminal was designed by Skidmore, Owens & Merrill LLP. The Hajj Terminal is one of the world's largest airport terminals, covering 120 acres and 2.8 million square-feet. Each year, up to 50,000 pilgrims traveling to Mecca pass through the terminal daily and nearly 40 million pilgrims have utilized the terminal since its inception.

The Hajj Terminal features a 525-foot road that separates the two

units of the terminal, each containing 105 tensile fabric tent structures supported by 147-foot steel cables. The roof structure is [made from PTFE](#), or polytetrafluoroethylene, which is a Teflon®-coated fiberglass membrane that easily withstands harsh desert conditions including blowing sand and temperatures frequently in excess of 120 degrees. The PTFE material's translucency [allows natural daylight to filter through](#) and keeps the indoor temperature lower for the terminal's passengers.

## About Birdair

Birdair, Inc. is the leading specialty contractor of lightweight long-span roofing systems and tensile structures throughout the world, providing design-build solutions for architects and clients in all aspects of project design, engineering, installation and maintenance. Lightweight long-span roofing systems and cable structures can be attached to any building envelope and offer aesthetic and functional options to complement any exterior design. Birdair, based in Buffalo, NY, is a member of the Taiyo Kogyo Group, with operations serving North and South America and other international locations.

For more information about Birdair, call 1-800-622-2246 or visit [www.birdair.com](http://www.birdair.com).