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Specialty Contracting For Tensile Architecture

1-800-622-2246

www.birdair.com

Diverse Birdair Structures on the Boards in 2012



Fonte Nova Stadium – Salvador, Brazil

Birdair, Inc. kicks off the new year with four projects that demonstrate the versatility of project applications for tensile architecture.

Brazil is preparing to host the 2014 FIFA World Cup with the construction of **Fonte Nova Stadium** in Salvador, Brazil. Birdair and its subsidiary Taiyo Birdair do Brasil (TBB), Ltda. of São Paulo, Brazil have been awarded a subcontract for the roof construction. Birdair's project role consists of detailing, fabricating and supplying PTFE-coated woven fiberglass membrane that will make up the facility's 301,399 square-foot tensile roofing system. The oval-shaped roof design complies with FIFA World Cup guidelines to provide cover for the stadium's 50,000 spectators while meeting aesthetic, acoustic and environmental impact requirements.

Empire City Casino Will Feature a Birdair ETFE Porte-Cochere

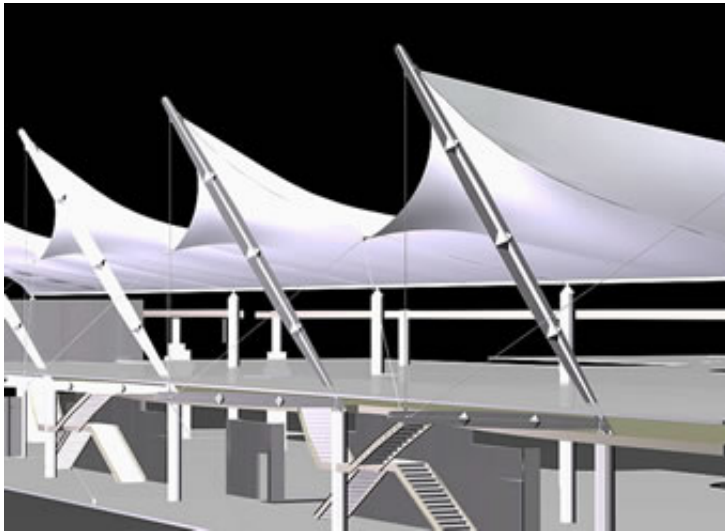


Birdair has been awarded the design-build contract to provide a pneumatic roofing system for a newly constructed 11,000 square foot porte-cochere at the **Empire City Casino at Yonkers Raceway** in Yonkers, New York.

The material selected for the drop-off canopy is ETFE, or ethylene tetrafluoroethylene, a transparent film that is lightweight, flexible and sustainable. ETFE will cover a steel lattice shell to create a dramatic sculptural entrance



Work is underway at **Dallas/Fort Worth International Airport**, where Birdair will [design](#), [fabricate](#) and [install](#) four tensile structures comprised of 60,000 square feet of PTFE-coated fiberglass membrane. The low-maintenance structures will shade exit and entry points of the south and north ends of the airport's parking facility, welcoming the facility's 155,905 passengers daily.



Plaza Las Américas shopping mall in Morelia, Michoacan, Mexico, will soon feature a Birdair tensile fabric roof structure. Birdair will design, fabricate and supervise construction of the mall's 12,700 square foot shade structure comprised of PTFE-coated fiberglass membrane. The [cable-supported structure](#) with masts will cover the mall's outdoor food court, facilitating [daylighting](#), while providing shoppers with shade and protection from inclement weather.

Learn more about Birdair's experience and expertise in the [stadium](#), [transportation](#), and [retail](#) sectors.

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canopy.

ETFE can surpass 20 years without loss of transparency or strength.

[Learn more about ETFE >](#)

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.

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. The company offers a selection of architectural fabric membrane, including Tensotherm™ with Lumira™ aerogel, the world's only translucent insulated tensile membrane roofing material. 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, visit Birdair.com or [Like us on Facebook](#).