



Specialty Contracting For Tensile Architecture

1-800-622-2246

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Haddad Riverfront Park - Charleston, WV - USA

Low-maintenance TiO₂-coated Canopies by Birdair to Shelter West Virginia Park's Stage, Seating and Pavilion

Fabric membrane tensile canopy structures from Birdair will provide shade and comfort for visitors to [Haddad Riverfront Park](#) in Charleston, West Virginia.

Birdair has been awarded the [design-build contract](#) to supply a retractable fabric membrane canopy over the park's existing seating area, a steel and fabric membrane canopy for the park's new permanent stage and a canopy covering a new pavilion overlooking the Kanawha River.

The [photocatalytic TiO₂-coated PTFE fiberglass fabric membrane](#) selected for the project decomposes organic matter under the sun's UV rays, allowing for dirt to be easily washed away by rain water and helping to ensure the canopies' pristine white appearance with minimal maintenance required.

"TiO₂-coated membrane offers protection from severe weather conditions, while also allowing natural sunlight to filter in, making it an ideal choice for an entertainment venue," says Michael Grant, Birdair project manager. "The material is extremely durable and long-lasting while enhancing the aesthetics of the space."

Tensile Roofing Tops Three 2010 World Cup Stadiums



Birdair has completed construction on three of the 2010 FIFA World Cup stadium projects in South Africa, including [Cape Town Stadium](#), [Durban Stadium](#) and [Nelson Mandela Bay Stadium](#). Tensile architecture provides sports fans with many [benefits](#), including [natural daylighting](#), solar shading and open-air design with unimpeded sight lines.

As roofing sub-contractor, Birdair had a vital role in the construction of three athletic facilities, each of which feature a unique roof design. Cape Town Stadium features a bicycle wheel-shaped roof constructed from [PVC mesh liner](#). Both Durban and Nelson Mandela Bay

The project is funded by a grant from the U.S. Small Business Administration (SBA). SBA's funding should not be construed as an endorsement of products, opinions or services. All SBA-funded projects are extended to the public on a nondiscriminatory basis.

Smooth, flexible fabric roofing integrates tension for support, and can be attached to any building envelope with virtually unlimited design possibilities. For more information, visit www.birdair.com, email sales@birdair.com or call 1-800-622-2246.

Stadiums feature architectural PTFE fabric membrane roofs. In addition to the roof membrane, Birdair constructed 1,600 metric tonnes of compression ring steel on Cape Town Stadium and 2,400 metric tonnes of roof girders on Nelson Mandela Bay Stadium.

Join Us at One of Our Upcoming Trade Shows and Conventions



Stadia Design & Technology Expo

New York, NY – April 26-28 [More info](#)

Hospitality Design Expo

Las Vegas, NV – May 19-21 [More info](#)

AIA National Convention and Design Expo

Miami, FL – June 10-12 [More info](#)

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.