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Specialty Contracting For Tensile Architecture

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Dallas Cowboys Stadium, Dallas, TX, USA

## Birdair an integral part of new, record-breaking stadium

Serving as one of the roofing sub-contractors for the newly constructed [Dallas Cowboys Stadium](#), Birdair supplied the fabric membrane roofing and clamping to help create the stadium's record-breaking retractable roof. At 120,000 square feet, it is the world's largest, longest and steepest retractable roof, and features [photocatalytic TiO<sub>2</sub> fabric membrane](#).

"TiO<sub>2</sub> initiates the process of dirt decomposition on the membrane surface, which is easily washed away by rain," explains Martin Augustyniak, director of engineering and operations for Birdair Inc. This process will assist in maintaining the roof's pristine condition, helping it retain its brilliance over time."

The fabric membrane's high degree of translucency provides maximum daylighting, which was a major determining factor in selecting fabric membrane roofing material for Cowboys Stadium. When the roof is closed, the membrane's high degree of translucency allows ample natural and diffused light to filter through, greatly reducing the need for supplemental electric lighting during the day.

At three million square feet, the new Dallas Cowboys Stadium,

### New Kenafine Membrane Fully Recyclable

Manufactured by Taiyo Kogyo and sold in North America by Birdair, [Kenafine](#) now makes it possible for tensile roofing structures to be recycled into paper products at the end of their lifecycle.

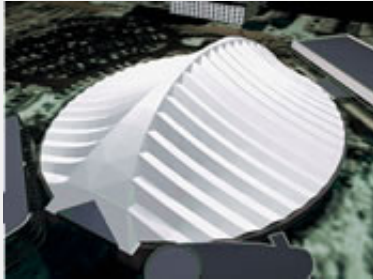


Like traditional fabric membrane roofing products, Kenafine functions as a highly durable, moisture resistant material that features a high degree of translucency, promoting optimum natural daylighting. As a sustainable building product, Kenafine contributes to a variety of

Arlington, TX, US, is setting a precedent in architectural design and construction. With 80,000 seats, the largest operable glass door in the world, and two 160-foot-long HD video screens, the stadium will dazzle spectators and players alike commencing with the August 2009 start of the National Football League (NFL) season.

United States Green Building Council (USGBC®) Leadership in Energy and Environmental Design (LEED®) credit categories. [Read more about Kenafine.](#)

#### Birdair to Install World's Second Tensotherm™ with Nanogel® Aerogel Roofing System



Birdair has been awarded the contract to provide the updated tensile roof for [Talisman Centre for Sport and Wellness](#) in Calgary, Alberta, Canada. Birdair will serve as roofing sub-contractor for the full-service athletic facility, replacing the structure's current 162,000 square-foot tensile roof with an updated [Tensotherm™ with Nanogel® aerogel roof](#).

### 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).