

# TENSOTHERM™ WITH NANOGELO® IMPROVES TALISMAN CENTRE'S DAYLIGHTING AND VISUAL COMFORT



Birdair's second [Tensotherm™ with Nanogel®](#) installation is underway at the Talisman Centre for Sport and Wellness in Calgary, Alberta, Canada. The roofing retrofit will [provide many benefits](#) for the full-service athletic facility, including [ample natural daylight](#).

Tensotherm delivers glare-free natural daylight to interior spaces without compromising insulation and temperature control. The key to Tensotherm's ability to insulate effectively while maintaining a level of translucency lies in [its Nanogel aerogel layer](#), developed by [Cabot Corporation](#). Nanogel aerogel is placed between two layers of PTFE fiberglass membrane to create a single composite roofing material that is less than two inches thick (40mm), yet delivers an impressive insulation value of R-12. By maintaining its translucency, Tensotherm also transmits visible light. Daylighting with Tensotherm roofing significantly reduces energy consumption for artificial lighting. Compared to the Talisman Centre's previous roof, the new 162,000 square-foot tensile roof will provide four times the existing insulation value.

LEARN MORE ABOUT TENSOTHERM  
ON THE CONTINUING ARCHITECT

FOCUS ON EDUCATION

[Studies show a strong link between daylighting and student achievement](#). For this reason, Tensotherm is a perfect roofing material for



Earn 1 LU/HSW/SD AIA CES credit by completing Birdair's new course entitled, "[Defying Gravity With Tensile Architecture](#)" on [The Continuing Architect](#), a new online architect continuing education platform. The course explores the benefits of using a material like Tensotherm over traditional building materials, the steps – from design through construction – for creating tensile structures and more.



### 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).

[schools, colleges and universities.](#)



The material delivers ample natural light and reducing energy costs while its insulating properties keep students and staff comfortable in any climate or season. A Tensotherm roof covering school lobbies, corridors, libraries, gymnasiums, or natatoriums provides a continuous stream of beautifully diffused natural daylight, robust thermal insulation, superior moisture control and outstanding acoustic attenuation to create an ideal environment of teaching and learning.

### DON'T MISS TENSOTHERM AT GREENBUILD

Birdair will be at [Greenbuild International](#) with Cabot Corporation, November 17-19, at McCormick Place West in Chicago, IL. Stop by Cabot Corporation's booth #745 to meet with Birdair representatives and learn more about Tensotherm with Nanogel.