

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.

[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.