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## TALISMAN CENTRE RECEIVES TENSOTHERM™ ROOF FROM BIRDAIR



An updated [Tensotherm™ with Lumira™](#) (formally known as Nanogel®) roofing system modernizes Talisman Centre for Sport and Wellness in Calgary, Alberta, Canada. The new roof adds [daylighting](#), [insulation](#) and [sustainability](#) to the full-service athletic facility.

Birdair served as [roofing contractor](#), replacing the Talisman Centre's original 162,000 square-foot tensioned fabric membrane roof with a Tensotherm roof that maintains the facility's external appearance. The new roof will provide five times the existing insulation value and solve condensation problems associated with the aquatic facility's humid interior and Calgary's winters.

Tensotherm consists of a translucent [Lumira™ aerogel insulating blanket](#) sandwiched between two layers of structural [PTFE fiberglass membrane](#). This creates an energy-efficient roof that also promotes natural daylighting.

The new Tensotherm roof is extremely [durable](#), fade-resistant and will retain its brilliance over time. The roof is also water repellent. As the insulative material is hydrophobic, it doubles as a high-tech moisture management material that sheds water and prevents mold, mildew and rotting.



Tensotherm™ is a patent pending product of Birdair, Inc.  
 Cradle to Cradle Certified™ is a certification mark of MBDC  
 Lumira™ aerogel is a trademark of Cabot Corporation

## LEARN MORE ABOUT TENSOTHERM AND EARN AIA CREDIT

Earn 1 LU/HSW/SD AIA CES credit by completing Birdair's new course entitled, "[Defying Gravity With Tensile Architecture](#)" on [The Continuing Architect](#) online continuing education community. 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.



## EMPLOY A ROOF THAT DOES MORE AT THE OFFICE



Work environments impact employee performance. [Studies have proven](#) that good lighting improves productivity and worker comfort.

Workspaces featuring a Tensotherm roof reap the benefits of daylighting, reduced energy costs and year-round comfort. [The sound attenuation](#) Tensotherm provides also helps employees focus on their tasks without the added stress of extraneous noises that could be distracting.

### 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™ (formally known as Nanogel®), 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 or visit [www.birdair.com](http://www.birdair.com).