BIRDAIR
Specialty Contracting For Tensile Architecture

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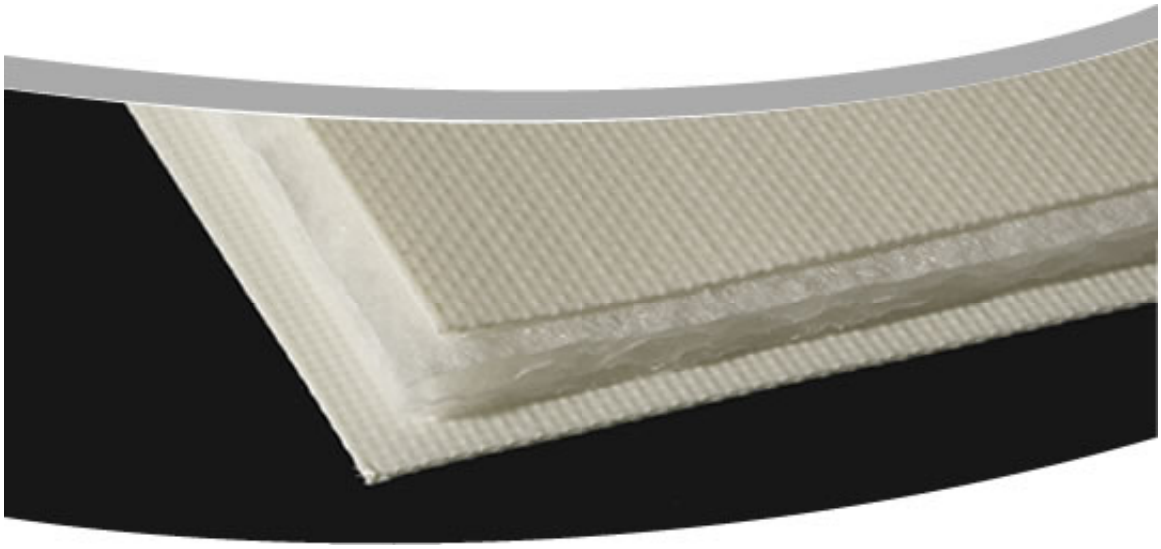

Birdair, Inc. Partners with Cabot Corporation to Offer Tensotherm™ with Nanogel® aerogel, a Breakthrough Fabric Membrane Roofing System with Significant Insulative Values

TENSOTHERM insulated fabric roofing
Made with Cabot nanogel

Birdair, Inc. introduces Tensotherm™, a next-generation composite roofing system that solves an important industry challenge – insulating fabric membrane.

Prior to Tensotherm, insulating the roof of tensile structures made with a fabric membrane was a difficult task, if it was attempted at all.

Now, rather than installing a fabric membrane without any insulative value and then separately installing insulation materials, architects can specify Tensotherm, a material that offers the same functionality and flexibility as traditional tensile roofing fabrics used by Birdair while offering insulative properties. This is accomplished through the addition of a

Upcoming Events

Birdair will be exhibiting at the annual AIA Convention from May 15 – 17 in Boston, MA. Stop by booth #20069 to meet with Kevin Mayer and other Birdair representatives to discuss how tensile architecture can work for your next project.

Tensotherm in Action

Tensotherm will appear on Radford University's athletic complex, the Dedmon Center. The Dedmon Center is the first project to reap the benefits of Tensotherm and will begin undergoing construction later this month. Download press release.

translucent aerogel layer - Nanogel® - a feather-light insulation layer that significantly enhances the material's thermal performance.

Projects using Tensotherm can be awarded credits for LEED® certification in the categories of insulation, green materials, innovation, and daylighting. Nanogel, produced by Cabot Corporation, used in Tensotherm is also Cradle to Cradle Certified^{CM} by MBDC. Cradle to Cradle Certified products must meet established standards in regards to human health, environmental health, and recyclability.

Tensotherm shares the same weathering capabilities as Birdair's other fabric membrane choices, making it extremely malleable, durable, and fade resistant. It is also water repellent to resist mold and mildew. These traits ensure that Birdair's new Nanogel-infused fabric membrane will offer added value to help architects and designers achieve their specific architectural roofing applications.

Product Recognition

Recently, the PTFE fabric membranes that Birdair specifies achieved Cool Roof Status through Cool Roof Rating Council for complying with energy codes. No other architectural fabric membranes have achieved this status.

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, Inc.
65 Lawrence Bell Drive, Suite 100
Amherst, NY 14221, USA
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