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1-800-622-2246

www.birdair.com



Birdair Provides Next Generation Tensile Architecture Material

[Birdair, Inc.](#) offers an innovative tensile architecture material, [ETFE](#), or ethylene tetrafluoroethylene.

The transparent film is suitable for roofs and facades in [large and medium scale architectural applications](#). ETFE offers unlimited design options due to the material's [light weight](#), flexibility and transparency.



ETFE film can be used in place of traditional glass and plastic for permanent or temporary structures, allowing roof or wall weight to decrease drastically. The material does not shatter upon impact and architects are using ETFE in place of glass in applications where blast mitigation is a concern. When ETFE film is used in a two- or three-

Earn 1 AIA SD/HSW LU Credit



Birdair's continuing education course, "[Defying Gravity With Tensile Architecture](#)" is the most popular course on [The Continuing Architect](#).

This 1-credit hour AIA HSW/SD learning unit explores the [benefits](#) of tensile architecture, the different types of [membrane materials](#), including [Tensotherm](#), and the [design-build process](#) that creates a tensile structure.

Children's Museum Project to Feature PTFE and Photovoltaic Panels

layer model incorporating an air space, it provides an effective insulating capability, as effective as insulating glass.

The durable and recyclable material provides many of the [sustainable benefits](#) associated with tensile architecture. ETFE can last over 20 years without losing its transparency or strength. Due to its nonstick surface, ETFE resists airborne pollutants and odors, making it chemically-resistant and naturally self-cleaning.

The Minneapolis Metrodome Sports a New Roof

The [Hubert H. Humphrey Metrodome](#) is once again ready for football season with a new roof.



Birdair installed the Metrodome's original roof in 1982 and replaced the structure's 10-acre roof with more than 700,000 square feet of [PTFE-coated fiberglass](#) outer and liner membrane material. The new roof looks similar to the old roof, but features a lower profile.

[Contact us](#) today to learn how to incorporate tensile architecture into your next project.

About Birdair

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™ aerogel®, 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.

Birdair has been awarded the [design-build](#) contract for the cable and fabric roofing system of a 2,200 square-foot freestanding tensile structure at the Staten Island Children's Museum in Staten Island, NY. The new addition, called the Meadow Structure, is the first project of its kind to combine thin-film photovoltaic panels to power low voltage lighting and Teflon-coated fabric membrane. The new museum addition will utilize Birdair's [steel cable systems](#) and [PTFE](#).

Meet With Us at Greenbuild



Birdair will be attending [Greenbuild International Conference and Expo](#), October 4-7, at Metro Toronto Convention Centre in Toronto, Canada. Visit us at Cabot Corporation's booth #325N in the North Building discuss [Tensotherm™ with Lumira™ aerogel](#).