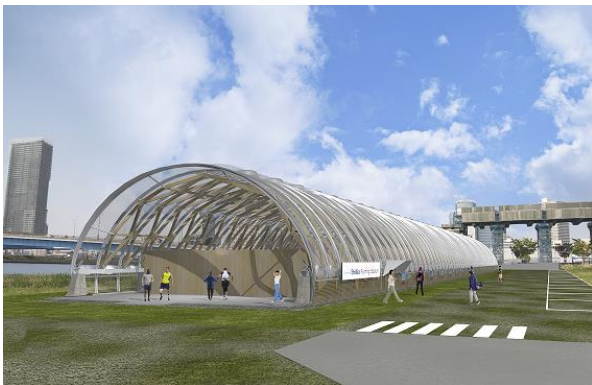




AGC's High Performance Fluon® ETFE Film Used in First Large-sized Membrane Structure in Japan

Tokyo, December 9, 2016—AGC, a world-leading manufacturer of glass, chemicals and high-tech materials, announced today that its fluoropolymer product, Fluon®ETFE Film, has been used for the exterior of Shintoyosu Brillia Running Stadium, which is the first large-sized, membrane structure in Japan.

Fluon®ETFE Film is a high-performance ETFE film that has excellent properties such as weatherability, high-transmission, and heat resistance. Its high light transmission creates a bright and open space where sunlight comes in through the film. It is also light weight; the use of Fluon®ETFE Film to cover the entire structure of the running stadium has drastically reduced the weight load on the pillars. Fluon®ETFE Film has been used in various large-capacity stadiums such as Allianz Stadium in Germany and Itaipava Arena Pernambuco in Brazil. Shintoyosu Brillia Running Stadium, where Fluon®ETFE Film is used, has become the first stadium that has a membrane structure in Japan.



Reference Information

◆Shintoyosu Brillia Running Stadium◆

The stadium is designed as a training space for top athletes' with disabilities and also for fostering communication through sport in the community. The stadium opened in December 2016.

Address: 6-9-1 Toyosu, Koto-ward, Tokyo, Japan



◆Use of membrane structure in Japan◆

Membrane structure uses membrane materials for its roof or facade. Because it is not inflammable, use of ETFE film for architectural structure has not been allowed until recently. Through revisions made to the Building Standards Act of Japan, ETFE film has become available for use as an architectural material under certain conditions.

Pictures:

Shintoyosu Brillia Running Stadium (upper picture is an illustration)

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