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Architectural Fabric Case Study



The picture below shows the superior exterior durability of Tedlar® for architectural applications. In Beijing's Sun Park, three separate dome structures were built using Shelter-Rite® architectural fabric by Seaman Corporation protected with Tedlar® polyvinyl fluoride film (PVF).

Constructed over a span of eight years, the three white air inflated dome structures all remain bright white even through they were constructed at different times. On the contrary the tension structure in the right corner of the picture, constructed in 2003, made out of an architectural fabric with a PVDF top finish from another company has discolored over time.

The first dome was built in 2006 to house six tennis courts. Later, in 2009, the second dome was constructed to cover the badminton court. After witnessing success from the first two domes, a third dome was built in 2014 to cover additional tennis courts.

Area of Application: Building & Construction

Year of Construction: 1st Dome: 2006, 2nd dome: 2009, 3rd dome: 2014

Location: Beijing, China

Surface Area: Dome 1: 4,000 square-meter facility



Picture Courtesy of Seaman Corporation

For more information visit: www.tedlar.com