

WESTWOOD TENNIS

CASE STUDY

SPORTS + RECREATION
APPLICATIONS



WESTWOOD TENNIS CENTER is a public tennis facility located in Norman, Oklahoma. In 2017, they committed to expanding their year-round services by adding indoor tennis courts. The city and local tennis community partnered with an architecture firm to ultimately construct a fabric building by Legacy Building Solutions.

BUILDING NAME

Westwood Tennis

LOCATION

Norman, OK

MARKET SECTOR

Sports

APPLICATION

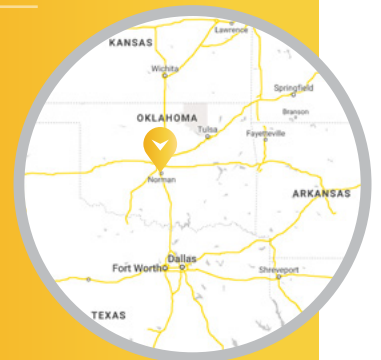
Indoor Tennis Center

SIZE

125 ft x 130 ft (16,250 sq ft)

INSTALLATION

Legacy in-house crews





Legacy's unique fabric buildings on a rigid steel frame have many advantages for indoor sports. Every aspect of the building is customized to meet project requirements and specifications – in this case, the building design complies with USTA regulations as well as local building codes and regulations.

A primary requirement for this building was the ability to use it year-round. To meet this need, Legacy added a layer of fiberglass insulation to the building design. The finished building has an inner fabric liner, which protects the insulation and provides a clean, bright interior finish. The white fabric liner reflects the building's LED lighting system – keeping both inside courts brightly and evenly lit.

While fabric buildings are fairly common for indoor sports, Legacy's design takes it to a new level. The solid steel frame is engineered to meet rigorous quality standards as well as local codes for wind, snow and seismic activity. In Norman, Oklahoma, this means the frame is designed for windspeeds of up to 115 miles per hour. This gives

players, coaches and others inside the building peace of mind and the ability to focus on the game – without worrying about a building that shakes in the wind or is too cold in the winter.

“The crew was great. They knocked out the construction, they were very professional, they cleaned up afterwards and were considerate of the other trades on site.”

Legacy crews were responsible for designing, manufacturing and installing the building. “The crew was great,” said Kyle Cooper, an assistant superintendent engaged by the city during construction. “They knocked out the construction, they were very professional, they cleaned up afterwards and were considerate of the other trades on site.”

With the new facility in place, Westwood Tennis Center is able to host kid and adult tennis leagues year round, allowing professional and amateur players to play at their best every day.