



# PROJECT PROFILE

## YULMAN STADIUM

### TULANE UNIVERSITY



#### PROJECT DESCRIPTION

Gould Evans Architects designed Tulane University's new football stadium in New Orleans, Louisiana. Spray foam was chosen for its superior air sealing insulation properties and ability to increase structural strength against hurricane-force winds. In addition, closed-cell spray foam is the only Class 4 Rated, flood-resistant material, as defined by the Federal Emergency Management Agency (FEMA).

With the use of spray foam insulation, Yulman Stadium is able to comfortably maintain the conditioned spaces and significantly reduce utility costs.

The project achieved the Leadership in Energy and Environmental Design (LEED) Silver Certification.

#### STRUCTURE FEATURES



Spray Foam Insulation



New Construction: Football Stadium



250,000 sq.ft.



QUIK-SHIELD® 112XC Closed-Cell Spray Foam



New Orleans, LA



#### INSTALLER

Calmar



#### PRODUCT INSTALLED

Calmar installed QUIK-SHIELD® 112XC closed-cell spray foam insulation. Foam was applied over the concourses, exterior walls, under open stadium seating, and around the press box and suite areas. A thermal barrier paint was then applied to exposed foam surfaces.

#### APPLICATION CHALLENGES

Throughout the construction process, temperatures varied drastically. When the project began in March, it was relatively cold and a seasonal grade formula of spray foam, QUIK-SHIELD® 112XC (extreme-cold closed-cell spray foam), was required. The seasonal blend allowed the foam to be sprayed on the cold metal substrates in spite of extreme temperature variations.

#### SPRAY FOAM BENEFITS

The use of QUIK-SHIELD® 112XC insulation foam enabled designers to easily separate conditioned and unconditioned spaces creating a complete and energy efficient envelope within the stadium. With spray foam and its ability to completely seal an enclosure, Tulane University has significantly more control over the stadium's interior environment and energy utilization.