



# I The Challenge

CITYPARK stadium is a new \$457.8 million, 22,500-seat Major League Soccer (MLS) stadium in St. Louis, Missouri, in the heart of the Downtown West neighborhood. It is home to the league's new expansion club, St. Louis City SC. It is an open-air venue used for sporting events, concerts, corporate events, and more. The stadium's architects, HOK, wanted to create a destination that reflected the spirit of a new St. Louis, supporting technology, inclusiveness, innovation, and above all, community.

Niehaus Building Services, LLC, a premier St. Louis interior specialties contractor, was selected for portions of construction of the stadium and associated facilities.

Given the project's scope, an aggressive completion timeline, and the complexity of the job, Niehaus needed an experienced and reputable insulation expert to oversee installation and to serve as a building science consultant for three separate phases of construction:

- 1. The Stadium
- 2. The Pavilion Building (offices and retail space)
- 3. The Training Building (practice fields, locker rooms, and additional offices)

Niehaus selected Goley as the insulation provider and installer for each structure to ensure energy efficiency, sound attenuation, moisture control, and comfort.

## I The Goley Solution

A project of this scale required precise workmanship, consistent communication, exceptional leadership, and unfaltering quality at every step. Goley's ability to quickly pivot and adapt to a number of changing project conditions delivered considerable value to the customer.

Goley's solution involved applying Owens Corning® fiberglass thermal insulation, sound attenuating insulation, Hilti acoustical sealant at the head and base of walls, Huntsman closed-cell spray foam, and Thermafiber® RainBarrier® continuous insulation at the concealed cavities. Goley crews also installed more than 62,000 square feet of white foil-faced Thermafiber® Versaboard® (mineral wool insulation) for air-conditioned areas under the bowl of the stadium. The wool insulation used was already a finished product, so Goley crews needed to ensure seams were properly taped for a smooth, clean finish.

"Between pressing timelines, shifting demands, and complex installation requirements, this was a project that required an insulation team that could go above and beyond to deliver," said Jake Whittle, President at Niehaus Building Services. "Goley is an insulation provider that we know and trust, and we were confident their insulation package and expertise were right for a professional sport stadium project like CITYPARK."

#### **Goley Insulation's approach included:**

- Diligent planning to overcome COVID-19
  pandemic, supply chain challenges and the
  associated labor crunch through coordination
  with trusted partnerships with Owens Corning,
  ThermaFiber, Huntsman, and Hilti.
- Commitment to stringent safety protocols that resulted in zero incidents and no lost-time injuries for Golev crew members.
- Skill and precision. With intricate design specifications, multiple buildings, and a comprehensive scope of work, Goley installed all insulation products efficiently and effectively.
- Flexibility that allowed Goley crews to shift the installation schedule to adapt to dozens of post-bid changes, make up for any lost time, and keep the project on track.
- A communicative, collaborative team that brought a problem-solving mentality, which was vital to anticipate and head off potential job site challenges.



### I Score!

Goley Insulation played a pivotal part in creating the new home for St. Louis City SC. Goley relied on its industry relationships to make the project a success, showcasing a true collaboration amongst a number of different trades.

Despite challenges presented by a global pandemic and ensuing supply chain issues, the insulation portions of the project were completed successfully and on time. Goley installers were able to meet the architect's unique and complex specifications, earning the company praise from stadium management and the general contractor.

Bidding on construction of CITYPARK began in April 2020. Goley crews were on site in March 2021, and crews completed the project in October 2022. The home opener for St. Louis City SC is set to be played in March 2023.

# I Project Stats

50,000<sup>sq/ft</sup>

Owens Corning® fiberglass thermal insulation

40,000 SQ/FT

Sound attenuating insulation

20,000 SQ/FT

Hilti acoustical sealant

55,000<sup>sq/ft</sup>

Huntsman closed-cell spray foam

30,000<sup>sq/ft</sup>

Thermafiber® RainBarrier® continuous insulation

62,000<sup>sq/ft</sup>

Thermafiber® Versaboard® mineral wool foil-faced insulation

March 2021-October 2022

**7**Crew Members

More than

2,100

labor hours







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