

# CASE STUDY

## HSHS St. Elizabeth's Hospital

O'Fallon, Illinois



### THE NEED

A subcontractor was sought to apply insulation in new patient rooms at a regional hospital. To ensure patient privacy and meet rigorous regulations, sound control was a very significant factor in the final deliverable.



### GOLEY'S SOLUTION

Goley's competitive bid detailed how we had the manpower and processes to meet the third-party regulations and timeline constraints. We secured the job and stepped up to deliver a comprehensive solution for our customer.

*We completed the work in two phases:*

**PHASE 1:** We insulated interior sound walls, which involved splitting the fiberglass batt insulation at the stacked metal studs (e.g., doors, windows, etc.). This was needed to ensure proper sound control and meet the stringent third-party quality regulations.

- Our installers packed the fiberglass insulation between stacked metal studs at the door jams. This required the jams to be carefully pried apart and chinked with material on every door.
- Our teams meticulously worked around a variety of obstructions including oxygen lines, medical gas and electrical conduit.

**PHASE 2:** We applied closed cell spray foam with an intumescent coating at various scattered exterior wall locations. The scale of the job necessitated application from the roof, approximately 60 feet up.

Throughout the duration of this project, we had the knowledge and experience to tackle a range of challenges—including the sequencing of the job, extreme weather conditions, unique application specifications, and third-party inspections. Highlights include:

- *We provided consistent communication and collaboration.* The continual inspections meant that Goley's crew needed to work closely with the inspectors and our customer to meet regulations every step of the way.
- *We quickly assembled to apply products within the timeline constraints.* The timing of this project meant our crews had to work in cold and often wet weather conditions. This presented a challenge, since spray foam must be applied at a certain temperature substrate and should not be applied in high wind conditions. Thus, our crews needed to mobilize quickly to apply the products when the conditions allowed for it. We promptly delivered the materials to the jobsite and successfully applied them in challenging conditions.
- *We remained detail-oriented and thorough in a fast-paced, demanding environment.* Multiple drywallers were on the jobsite throughout this project. Thus, our installers often needed to rearrange their workflow to accommodate them—by moving tools, equipment, materials, etc. Yet, although they often had to shift their focus and respond to the conditions around them, our meticulous crews never sacrificed quality.

## HSHS ST. ELIZABETH'S HOSPITAL

O'Fallon, Illinois

**+11,000 SQ/FT** Closed Cell Foam | **+460,000 SQ/FT** Fiberglass

**AUG 2016** | **144** | **+352,000** | **12**  
- **JUN 2017** | **BEDS** | **Gross sq/ft** | **Crew**

### THE RESULT

Goley was able to hone our expertise in exterior foam application and detailed sound attenuation installation to successfully meet the demands of this project. Despite extreme weather conditions, working around other trades, stringent quality regulations, and a challenging timeline, Goley's adaptable and agile team met expectations for a highly sensitive project.

// I was glad that Goley was on this job. The third-party inspections were intensive—especially for sound insulation. Additionally, it was a very fast timeline. Goley's foreman worked closely with ours, as well as the third-party inspector, every step of the way. Whenever there was an issue, Goley quickly fixed it. //

- Estimator/Project Manager, Regional Interior & Exterior Specialty Contractor
- Customer for 35 Years

