

Building Excellence Awards

Pafford EMS

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| Project Name: | Pafford EMS |
| Category: | Commercial/Industrial/Institutional Buildings under 10,000 sq. ft. |
| High Performance: | No |
| Manufacturer: | |
| Submitted By: | Terry Dieken |

Project

655 Highway 51
Ridgeland, MS 39157
United States

Builder

Premier Homes of NW Missouri
Eric Coutts
27932 S Scout Ridge Dr
Maryville, MO 64468
United States
Phone: 660-541-3525

Design Professional

Design Professional

Extreme Panel Technologies, Inc.
Madisyn Chance
P.O. Box 435
Cottonwood, MN
United States
Phone: 800-977-2635

Building End Use:

The building serves as an emergency equipment station and 6-bay ambulance station for Pafford Emergency Medical Services in Ridgeland, MS.

Describe the end use of the building:

It was extremely important to finish the project as quickly as possible without compromising structural integrity or durability, which is ultimately why SIPs were chosen as the construction method.

Another key role in using SIPs on this project was the air-tightness of the product. With 6 large garage doors for emergency vehicles, the builder wanted to ensure the end-users of the building would be able to appreciate the increased indoor air quality and lower utility bills.

SIP wall thickness and core material:

8 1/4"

SIP roof thickness and core material:

10 1/4"

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?

According to builder, the SIPs for this project were installed in only 11 days, and the building was fully finished in 8 months - a huge save on time for a project this size. He felt it would have taken twice as long to stick frame this building. A large part of the speed of this project can be attributed to the excellent communication from the Extreme Panel team and the off-site manufacturing.

Describe any innovative design elements or structural engineering involved:

Certifications & Specifications

Certifications:

HERS Index:

Blower door test results (ACH50):

Energy use intensity in kBtu/ft2:

Describe the HVAC system used on the project:

The whole space is conditioned by one 5-ton unit. The HVAC was an important consideration for the comfort of employees due to the large garage doors required for ambulance access.

Other Energy-saving Materials:

Energy-efficient products or design features:

Solar panels installed:

Sustainable materials or design features:

Additional comments:

The Ridgeland, MS area was desperately in need of additional emergency services before Pafford EMS was built. We were proud to be able to help establish these services within the community in a timely manner.

Builder, homeowner, occupant testimonial:

Files & Photos



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