INNOVATIVE AIR BARRIER SYSTEM SPEEDS INSTALLATION OF A TWO STORY TRAUMA CENTER

KETTERING HEALTH NETWORK
PIQUA MEDICAL COMPLEX
PROJECT PROFILE

The Kettering Health Network Piqua Medical Complex is a new trauma center near Dayton, Ohio that began construction in August 2019. This multi-purpose trauma center will offer multiple medical services and office space for Kettering Health professionals. The key component to the construction's efficiency is the Securock® ExoAir® 430 System. This system is comprised of two proven products—USG Securock® Brand UltraLight Glass-Mat Sheathing and Tremco ExoAir® 430 Fluid-Applied Membrane—an all-in-one system.

General contractor, Danis, was commissioned by Kettering Health to build the third medical building in just three years. Kettering Health expects a tight schedule and quality work, which is why they continue to choose Securock ExoAir 430. The pre-fabricated technology allows for an accelerated construction schedule with preparation in a controlled environment and installation in varieties of weather, including the Ohio winter weather.

Throughout the construction process, USG and Tremco were available to answer any questions and help keep the team on schedule.

To watch a video about the Kettering Piqua Medical Complex, visit: https://youtu.be/xUqgUm0voLs

> **Securock® ExoAir® 430 was selected because Kettering Health has a very high expectation for quality. And they know that with this product they will get high quality installation... The all-in-one-system is what makes this product stand out from the rest.**
>
> Jordan Smith
> Project Manager
> Danis

PRODUCT HIGHLIGHT
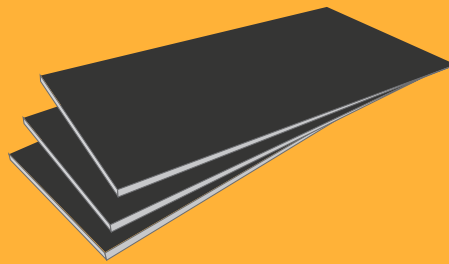
Securock® ExoAir® 430 System:
A gypsum sheathing panel with a factory-applied fluid air barrier membrane. The system reduces job site challenges, simplifies installation and results in superior control of air, water and vapor throughout the entire building envelope.
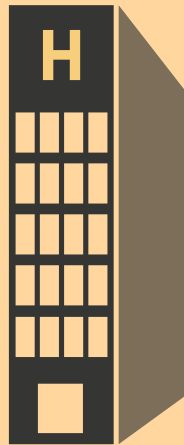

FIRST FLOOR EMERGENCY DEPARTMENT CONTAINS:
- Trauma Room
- Radiology Services
- CT scanning

21,000
SQUARE FEET
OF SECUROCK® EXOAIR® 430 PANELS

30,000
SQ. FT.

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KEY PRODUCTS
Securock® ExoAir® 430 System
Dymonic® 100
ExoAir® 110AT
Spectrem® 1
Proglaze® ETA

GREATEST CHALLENGE

Space was a concern for the project. However, Danis has a panelizer shop where they could detail most of the Securock ExoAir 430 panels and deliver to the jobsite ready to hang.

> **Every 4"x 8" sheet, you're not just hanging your exterior glass mat, you're hanging your exterior glass mat with your air barrier, as well.**
>
> Wesley Price
> National Account Representative
> USG Corporation