

Project Profile



USG SECUROCK® Gypsum-Fiber Roof Board

Application/Building Type:

Corporate Office Environment

Project Name:

United Airlines Reservation Center

Location:

Chicago, Illinois

Roofing Contractor:

Illinois Roofing

Featured Product:

SECUROCK® Gypsum-Fiber Roof Board



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Versatile Roof Board Leaves Contractor with No Reservations

In addition to its sheer size, this high-profile project had a tight schedule and budget—and also required that United Airlines reservation clerks continue working throughout construction at their reservation center (above) in Chicago.

“Given our restrictive time frame, limited budget and need to minimize noise, this job called for a versatile, all-in-one roof board that could be installed either non or adhesive, that needed no additional priming and could be transported easily and efficiently,” said Illinois Roofing General Manager Michael Ward.

To achieve these varied objectives, Illinois Roofing chose SECUROCK® Gypsum-Fiber roof board from USG. SECUROCK Gypsum-Fiber roof board is a solid, rugged piece of fiber-reinforced board with no facer to delaminate. This product is also extremely versatile and can be used in single-ply, built-up, modified bitumen, liquid applied, spray foam and metal roof.

According to Ward, 35,000 roofing screws had to be mechanically fastened into the concrete deck, making noise an issue that needed to be addressed before work began.

“It would have been cost-prohibitive to start this project without having options in place for securing the roof board and membrane with adhesive if noise complaints came from United Airlines phone operators,” said Ward. “It was imperative that we be able to switch from mechanically fastening the boards to an adhesive installation midstream.

Adhesive installation of the roof membrane to typical glass-mat panels usually requires that the board be primed on the jobsite, or that a more expensive pre-primed board be used.

SECUROCK Gypsum-Fiber roof board, however, does not require priming in fully adhered applications. For Illinois Roofing, this meant there was no need to double-stock the project, with both primed and unprimed boards.

“SECUROCK Gypsum-Fiber roof board’s versatility helped cut material cost by approximately 10 percent, as we didn’t need to bring both primed and unprimed boards to the site. This product offers excellent resistance to moisture and mold, as well as better wind uplift performance than glass-faced panels.”

Packaging and Transportation

Given the proximity to O’Hare International Airport and tight security around the United Airlines Reservation Center, getting the boards onto the roof of the building took Illinois Roofing weeks to coordinate the use of a crane for only one day’s time, it was imperative that the roof board also transport easily and efficiently.

“From the first pallet loaded onto the roof, we noticed that SECUROCK Gypsum-Fiber roof board’s packaging not only protected the panels from edge damage but was also easily moved.

According to Ward, Illinois Roofing’s entire crew was also delighted to learn that SECUROCK Gypsum-Fiber roof board does not have fiberglass facer to irritate the skin like typical roof boards do.

“Completing a complex job on time and on budget while keeping your crew happy is a contractor’s dream,” noted Ward.

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