

Building Takes Off With Kingspan

Location
Savannah, Georgia, USA

Wall Products
200 Inverted Rib
KarrierPanel

Finishes
Regal White Kynar
Sandstone Kynar

Rainscreen Façade
ACM



Overview

An international leader in business aviation, the aerospace engineering and manufacturing company Gulfstream has experienced rapid expansion year-after-year, so it was of little surprise when the increasing demand for Gulfstream products required an additional facility at their Savannah, GA location.

The success of the Gulfstream 6003 facility proves the ease of implementation of Kingspan insulated metal panels for build speed, energy efficiency, and aesthetic appeal.



Wall Product
200 Inverted Rib
KarrierPanel



Ground Speed

Business Challenge:

Everything Gulfstream does is based on speed, from the planes they build, to the parts they deliver, to their Field and Airborne Support Teams (FAST) who offer international support.

The new building was set to make up 180,000 square feet of Gulfstream Savannah's 679,199 square foot complex. This meant that the building's energy efficiency was just as important as the build speed of the project.

Kingspan Solution:

Yancey & Jamieson, Inc. was brought in to manage the project, and selected Kingspan 200 Series Inverted Rib and KarrierPanel wall system. VP of Sales for Yancey & Jamieson, George Paterni, mentioned three important reasons why Kingspan products were chosen for this project: the speed of installation, excellent insulation performance, and they also provided an aesthetically pleasing final touch.



Flying High

Architectural Benefits:

The Gulfstream Savannah facility is the central location for the Gulfstream worldwide headquarters — so looks were also a notable factor. The 200 Inverted Rib panels were installed in both Regal White and Sandstone, which provided a base level of aesthetic appeal. For the building entrance, they used the KarrierPanel system, which allowed them to attach an exterior facade.

Installation Benefits:

The installation of the 200 Inverted Rib single component panel system can achieve up to a 50 percent faster on-site build time, when compared to the use of traditional built-up wall systems.

Thanks to its single component property, the KarrierPanel system was ready to be installed once it arrived on site, which helped the project to remain on schedule.



Going Further

Owner Benefits:

The KarrierPanel is an air, water, and vapor barrier, which spoke to the Gulfstream Building 6003's need for energy efficiency.

The 200 Inverted Rib wall panel system was also a perfect fit for the energy efficiency need due to the polyisocyanurate core. This core provided the building with superior R-Value performance of 7.2 per inch, and it will allow the Gulfstream Building 6003 to demonstrate superior levels of thermal performance and airtightness over the service life of the building.

All of this should translate to an energy savings of up to 30 percent over time.



Contact

For more information on
the products used in this
project, please email

Info.NA@kingspanpanels.com

