

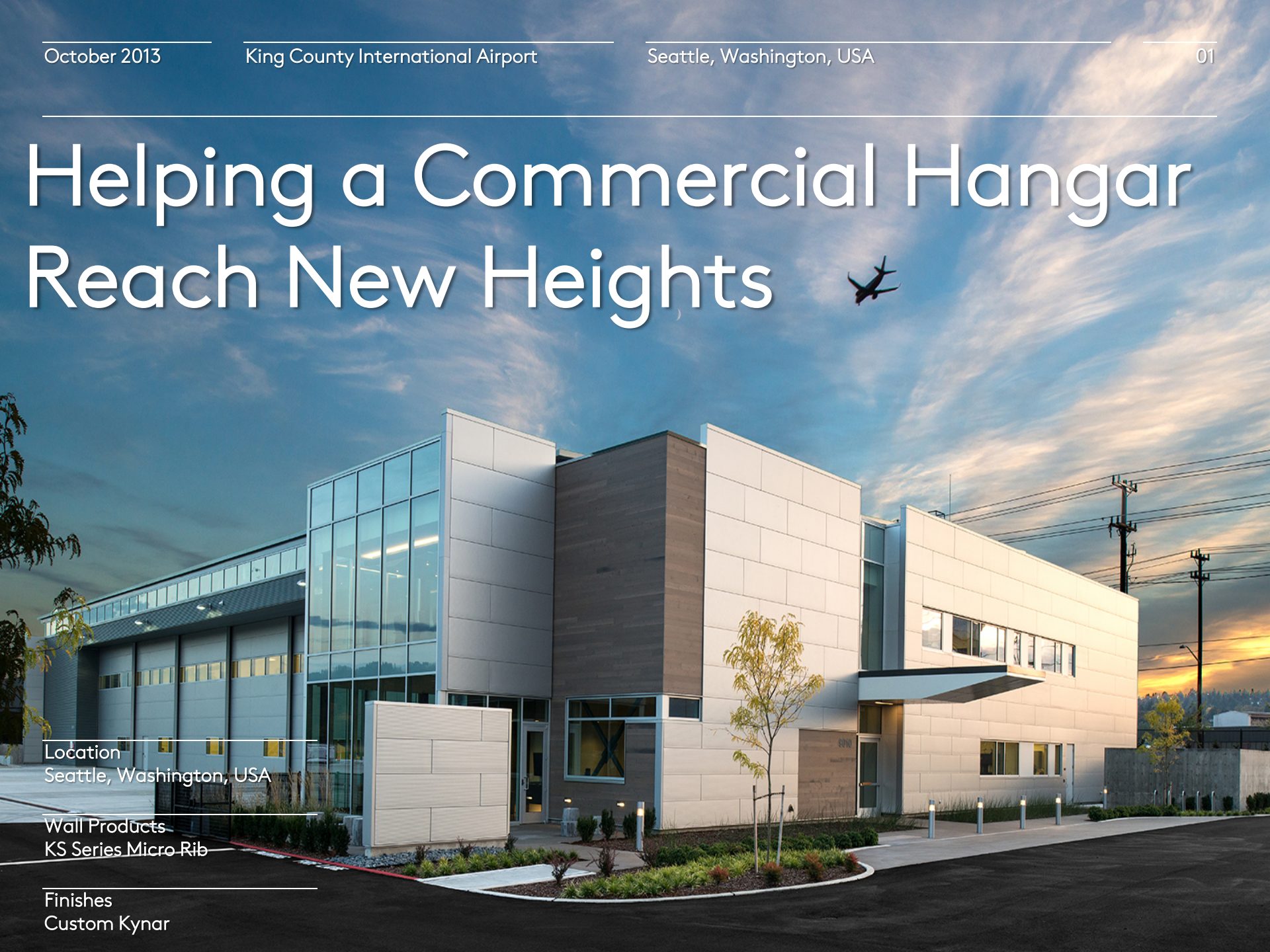
Helping a Commercial Hangar Reach New Heights



Location
Seattle, Washington, USA

Wall Products
KS Series Micro Rib

Finishes
Custom Kynar



Overview

King County International Airport averages 200,000 takeoffs and landings per year and this small regional airport boasts servicing some of the world's most important travelers and aircraft. The airport also primarily accommodates small commercial passenger airlines, cargo carriers, private aircraft owners, helicopters, corporate jets, military and other aircraft.

A project at the airport included the need for a 32,000-square-foot hangar and a 12,000-square-foot support building. Kingspan Micro-Rib insulated metal panels' (IMPs) performance and specifications met stringent technical specifications for the hangar. There was also a desire to attain LEED Certification and, as they contain recycled materials, the Micro-Rib IMPs played their part in this too.



Wall Product KS Series Micro Rib



High Standards for a High-End Requirement

Business Challenge:

The Seattle Commercial Hangar project was owned by one of the world's most successful companies. On one front, the new building needed to be technically functional to meet normal maintenance and regulatory aviation service facility requirements. It also needed to serve as a luxury air terminal for high-end clientele. The ownership wanted to reflect a corporate commitment to sustainability and environmental stewardship too – requesting that the project seek LEED Certification.

Kingspan Solution:

ORA Architects specified Kingspan's KS Series Micro-Rib for the building envelope. This allowed for design flexibility, met high performance standards and added efficiency to the installation. The panels' superior technical performance addresses a collection of needs from regulatory to energy efficiency.



An Exciting New Look Takes Off

Architectural Benefits:

The look of the hangar invokes a feeling of professionalism with a pop of 'wow'. The panels' highly attractive linear appearance complements the structure's aesthetics and detailed artistic touches. The design involved three different sized panels per wall to create a unique visual effect. The combination of Kingspan IMPs and recycled wood for the building's exterior creates an executive atmosphere before even entering the building.

Contractor Benefits:

Kingspan's simple single-component assembly reduced construction time and costs. Project paneling contractor Northshore Sheet Metal, Inc. found Kingspan eager to answer any installation questions. "The reps are approachable and willing to work with us", said project manager Kristi Guoy. "Kingspan panels fit together nicely. Kingspan always attempts to put out a good product," she added.



One Step to Better Value

Installation Benefits:

Northshore Sheet Metal also appreciated the faster installation time and cost-savings, noting that installing the metal panels and the insulation in one step saves time and money.

Owner Benefits:

The Micro-Rib's airtightness and water resistance characteristics protect valuable aircraft and cargo from the rainy Seattle area weather. The Valspar modified polyester internal finish allows for wash-down procedures if needed.

Kingspan's product performance ratings for fire, structural and other performance indicators made these IMPs well suited to meet industry regulations. The panels' R-value of 7.2 per inch gave the building envelope a total R-value of 21.6, helping the facility towards meeting a goal of LEED Silver Certification.



Contact

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

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