

Office Park Balances Aesthetics and Safety

Location
Calgary, Alberta,
Canada

Wall Products
Optimo
MF Fire Rated HF

Finishes
Kynar Metallic Bright Silver
Kynar Bright Red



Creating a Plan

Business parks around the globe could learn lessons from the Fairmore Business Park. The design team created a development plan for four distinct buildings. The firm did not want to design another drab row of office and commercial buildings along the Calgary Pacific, CP Rail and C Train tracks, which all line the site. Instead, the buildings were positioned on the site's edges and architectural features were added to each unique structure to bring visual interest and attract tenants. Metal wall panels from Kingspan were selected to enhance the aesthetics and bring needed fire ratings.



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Curb Appeal with Safety in Mind

Business Challenge:

A unique business park with architectural appeal was the main focus for this development. It also was vital to achieve specific fire ratings because of the buildings' close proximity to the property lines.

Kingspan Solution:

Made from a mineral wool core bonded with metal facings, the mineral fiber 4-inch-thick fire-rated metal panels are suitable for fire-rated wall applications. The insulation is exterior of the building structure, creating a superior thermal envelope because it reduces thermal bridging that is typical of cavity wall systems. Kingspan's Optimo insulated metal panels are flexible in design and can be applied to multiple design applications. The single-component insulated metal panel minimizes construction delays and produces faster on-site installation compared to multi-component wall systems.



Superior Look and Performance

Architectural Benefits:

"The finished product looks fantastic and really makes a statement for the development. So many people I encounter think of Kingspan as cold storage panels. But the truth is these are high-end architectural panels with capabilities beyond that market."

-- Martin McCarthy, project manager with Chandos, Calgary



Building with a Panel of Experts



Field Services



Benefit to Contractor:

"The building and design team pulled together to make the integrity and aesthetics of the wall panels a top priority. We had to install panels around canopies and consider intricate details that required meticulous planning. Our experience with Kingspan products and the knowledge and skills of our crews prepared us for this challenging project that was completed to perfection."

-- Tyson Jones, district manager with Calgary-based Thermo Design Insulation Ltd.

Benefit to Owner:

By using Kingspan and a fire-rated assembly, interior fire-rated drywall was not needed in any warehouse spaces, bringing cost savings to the project. This was another win for the developers and an additional reason they were eager to use metal wall panels.

Contact

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

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