

Space: A New Frontier

Location
Nashville, Tennessee, USA

Wall Products
Optimo
300 Series Striated

Finishes
Redwood Kynar
Dove Gray Kynar
Regal White Kynar
Evergreen Kynar



Overview

Rocketship Nashville Elementary School threw open its new doors in time for the 2014-15 school year, ready to serve 450 new “rocketeers,” as it affectionately calls its students.

This non-profit charter school run by California-based Rocketship Education contains 37,000 square feet of space and was built on the site of an old car lot in the northeastern portion of Tennessee’s state capital.

Kingspan’s insulated metal panels (IMPs) were a critically important part of meeting the build speed requirements for this project. IMPs combine impressive R-values with low thermal bridging and superior airtightness. This helps to drastically reduce energy consumption when compared to traditional built-up wall systems. The panels easily lock together too, forming an airtight and weathertight seal.



Wall Product
Optimo
300 Series Striated



An Exciting Launch

Business Challenge:

D.F. Chase Construction was presented with an ambitious construction timeline of just six months between groundbreaking and move-in, which meant that the building needed to be enclosed quickly.

Kingspan Solution:

They selected Kingspan two inch thick Optimo and 300 Series Striated panels for this project. These eye-catching IMPs — a combination of Redwood, Dove Gray, Regal White, and Evergreen — played a critical role in the construction of the new kindergarten-through-fourth-grade facility. Their attractive appearance was just one of many benefits of specifying these IMPs.

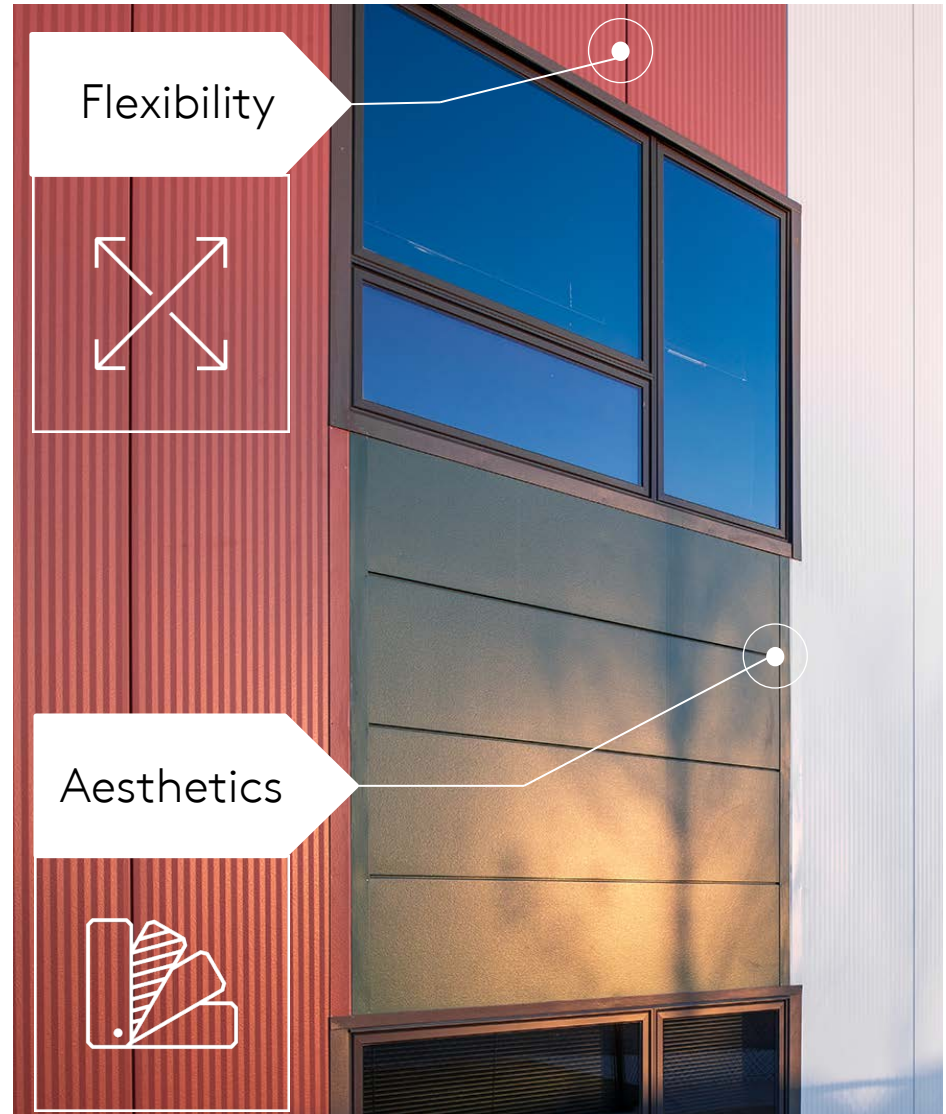


Better, Naturally

Architectural Benefits:

Kingspan IMPs were used for both the interior and exterior finishes. Brad Kirkland, a Regional Sales Manager with Kingspan, said, "The panels also allowed for maximum frame spacing so the visibility to the framing from inside the building was minimized. The exposed framing on the inside of the building was painted to serve as part of the interior design finish, giving the school a niche for shelving, and magnets are used to display work and arts and crafts onto the wall panels."

Architecture firm Manuel Zeitlin Architects writes on its website, "Natural light plays an important role in the project, and each space has access to exterior windows. The site includes three distinct play areas that can double as gardens and outdoor education spaces."



A Star Performance

Installation Benefits:

Wall Brothers Glass was the installer for the Rocketship project. "The lead time is shorter and they are easier to work with," said Project Manager/Estimator James Leverette about IMPs. He also noted that Kingspan customer service is top notch. "They are beside you the whole way."

Leverette said the three main benefits of specifying Kingspan panels are easy installation, their great R-values, and their ability to help meet qualifications for LEED status.

Owner Benefits:

The popularity of insulated metal panels is gaining traction in the educational construction industry for reasons beyond just performance, Brad Kirkland said.

"Typically we see the IMPs used on schools primarily for R-value and sustainability," he said. "Lately, the aesthetically pleasing design has seemed to have struck a trend with the educational facilities."



Contact

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

Info.NA@kingspanpanels.com

