

Success is In Store



Location
West Palm Beach, Florida, USA

Wall Products
KarrierPanel

Rainscreen Façade
ACM

Overview

Cumberland Farms, operating in 10 Northeastern states, is one of the largest regional convenience store chains in the U.S. Like many successful service businesses from the Northeast, tapping the Florida market became an important goal for the company. This would allow it to take advantage of name recognition, as well as the size and steady growth of Florida.

Building Envelope Systems (BES), a Massachusetts-based construction firm, constructed a new design store at a Cumberland Farms in West Palm Beach, Florida. The new design uses Kingspan, which presents distinct advantages for the construction process in terms of initial cost and also for long lasting energy performance – as well as helping with the other key priority of achieving great aesthetics.



Wall Product
KarrierPanel



Chain Reaction

Business Challenge:

Since 2009, Cumberland Farms has been rebranding by updating legacy stores and building new ones. It wanted a better looking image to characterize its facilities. But the primary need was for the new facilities to be constructed quickly and with the quality needed to perform well for years to come.

Kingspan Solution:

To prepare for adding new facilities in South Florida, Cumberland Farms commissioned BES to assist in designing a structure format that could be quickly built and was efficiently functional. BES, a structural steel design/build specialist created a structural steel frame store enclosed with insulated metal panel assemblies manufactured by Kingspan.



Convenience Was Built In

Design Benefits:

The primary objective for the BES designers was to standardize a building that could be reproduced quickly and efficiently. It also had to have a stable, airtight internal environment that would be able to perform economically for Cumberland Farms.

KarrierPanel was specified because it serves a range of functions at once, which assist build speed in the short-term, and serve to keep the building operating efficiently over time.

Installation Benefits:

In a single pass, the wall panel became the mounting for the exterior facade, and also the finished interior wall. This enabled the building crew to enclose the job sooner and allow work to begin on the interior installation of the large amount of refrigeration and wiring needed to operate a convenience store.



A Model for Success

Contractor Benefits:

The building exterior was approximately 4,000 square feet. However, once the steel was erected on the site, it only took four days to get the job enclosed. "We really created this design for speed of build," said Brett Miller of BES. "KarrierPanel is easy to put up for a fast enclosure. It's roof ready and you can really put anything you want over it."

Owner Benefits:

The exterior gives the building a modern, clean look – with a timeless appearance that fits well into the surrounding environment.

At each new Cumberland Farms, the Kingspan KarrierPanel system, covered with plate rainscreen, proved to be a very cost effective alternative to a multi-component wall panel system built on site using non-integrated components and claddings.

For a convenience store model, such as the one used for the Cumberland Farms stores, using KarrierPanel components has lifecycle benefits too. Once a store is placed at a location, there should be no need to refurbish or remodel throughout the life of the facility.



Contact

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

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