



NEW COLLEGE OF FLORIDA

At first glance, the New College of Florida academic building in Sarasota is another architecturally pleasing structure. The building, roofed with Petersen Aluminum's Tite-Loc Plus standing seam metal panels, sets at the entrance to the campus and makes a bold, welcoming statement. But more importantly, the building is the only structure on campus to meet the Hurricane Shelter Approval from the Florida Department of Education. In addition, the mechanically seamed panels also meet the requirements of Miami-Dade NOA and Florida Building Approvals.

Approximately 20,000 sq. ft. of PAC-CLAD .040" aluminum Tite-Loc Plus panels were utilized in addition to 4,400 sq. ft. of .032" aluminum PAC-850 Soffit Panels, which also has Florida Approvals. 7,000 sq. ft. of PAC Flat Stock was used for flashings.

Located on a dramatic 140 acre bayfront site, New College of Florida is a residential honors academic institution. The new academic building provides 36,000 sq. ft. of office space, classrooms, and common areas. Design for the project was provided by Moule & Polyzoides Architects, Pasadena, CA and combines vernacular and contemporary design elements consistent with its location on the Gulf of Mexico. The PAC-CLAD metal roof interfaces with masonry walls and hurricane shutters for protection from sun and rain.

Given the building's location only 1,100 feet from the edge of the Gulf, the California-based architectural firm hired David Moss of Moss Specs, Sarasota, to provide expertise regarding local codes. With more than 40 years of writing total building specifications, Moss is well known throughout the industry and now specializes in roof and specifications consulting.

"When I first met with the architects, they were initially considering a Galvalume steel roof," Moss said. "I've seen what Galvalume does in our neck of the woods and in a couple of years, it can really look bad. As a better option, I suggested they go with aluminum and a Kynar finish and they agreed. We specified

.040" aluminum but the final test for the shelter code passed with .032" so they actually have a roof that's even better than what is required."

Installation of the PAC-CLAD material was done by Murton Roofing, a TECTA America Company, Miami.

Weather Protection

PAC-CLAD metal roofing is highly weather resistant and can withstand extreme weather conditions such as harsh sun, heavy rain, and high winds. Its durability and resistance to rot, insects and fire make it a long-lasting and low-maintenance roofing option that is well-suited for a variety of climates and environments. See the UL Classification, ASTM Tests, Florida Building, and Miami-Dade Product Approvals on each product page, or talk to one of our reps for more information.

Get more insight into weather protection and view other case studies in hurricane prone areas.

Petersen, a Carlisle company, manufactures PAC-CLAD architectural metal cladding systems in multiple gauges of steel and aluminum. PAC-CLAD products include hidden- and exposed-fastener wall panels, standing seam roof panels, flush- and reveal-joint wall panels, vented or solid soffit panels, perforated metal, coil and flat sheet, composite panels, column covers, plus fascia and coping. All are available in a Kynar-based 70% PVDF Fluoropon coating in 46 standard colors and 16 wood grain finishes that include a 30-year finish warranty. Most colors meet LEED requirements and are rated by the Cool Roof Rating Council. Custom colors and weathertightness warranties are offered. BIM and CAD documents are available for most products. Founded in 1965, Petersen's facilities are located in Illinois, Georgia, Texas, Maryland, Arizona and Washington. For information on the complete line of Petersen's PAC-CLAD metal products call 800-PAC-CLAD, visit pac-clad.com or write to info@pac-clad.com.

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