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## IMG PERFORMANCE & SPORT SCIENCE CENTER

### Linear metal panels add movement, strength to athletic performance academy

The new IMG Performance & Sport Science Center is the capstone building of IMG Academy's world-class athletic training facilities in Bradenton, Fla. Founded in 1978 by legendary tennis coach Nick Bolliettieri, IMG Academy is now internationally recognized as a premier multi-sport training and educational destination for amateur and professional athletes alike.

IMG Academy offers academic studies as well as athletic training, performance evaluation and development. The Academy serves students and athletes from more than 70 countries. Located on a 500-acre site, the IMG campus boasts 20-plus multi-sport fields, 50-plus tennis courts, a 5,000-seat stadium, an 18-hole golf course, basketball gymnasiums, a 10,000-sq.-ft. weight room and the Gatorade Sports Science Institute.

Designed by Fawley Bryant Architecture in Sarasota, Fla., the 65,000-sq.-ft. Performance Center highlights the expanding campus in the master plan created by the firm. The Center's north façade, which overlooks and anchors the campus' main plaza, integrates a prominent glass façade with Petersen's Precision Series Highline S1 Panels. Approximately 8,500 sq. ft. of the Highline S1 aluminum PAC-CLAD panels finished in Cityscape were installed on the building.

"The campus is truly world-class," said Stu Henderson, director of design at Fawley Bryant Architecture. "The Academy is recognized for its innovative, ground-breaking work and we try to reflect and celebrate that in the design of their buildings."

The use of metal was a conscious choice by the design team in the early stages of planning for the hallmark building. “We wanted the building to have muscularity and strength and also be sleek and graceful. We pictured those attributes as the things that create a balanced athlete,” Henderson said. “The PAC-CLAD panels really helped accomplish that. And the linear nature of the panels communicates the feeling that the building is in motion or has motion. The use of the metal panels was a very important component in the design of the building.”

Installation of the PAC-CLAD Highline S1 Panels was accomplished by Sutter Roofing in Orlando. Several aspects of the design were quite challenging from an installation standpoint. “The sharp corner on the east end of the building required a lot of effort,” said Kirk Bauer, project manager at Fawley Bryant Architecture. “After the design team incorporated the knife-edge look in the plans, we consulted with Sutter Roofing and the general contractor, Tandem Construction, about how to make it happen. We actually ‘reverse engineered’ the system by solving the knife-edge first and then created the rest of the framing for the facade from that point.”

In addition to the Highline S1 Panels and glazing, the material palette includes a substantial amount of painted concrete block. “Clients trust us to strategically allocate their budgets to the areas most crucial to design objectives. We felt it was important to spend money on the large north-facing glass, showing the activity inside,” Henderson said. “The metal façade was also critical to the design, and being strategic with resources allowed this feature to become a reality.”

Petersen was not originally included as the metal panel provider for the project. The planned competitive manufacturer unexpectedly closed a plant, leaving the architect and GC in the lurch. “We were really in a pinch and had to scramble to find another architectural panel that had the qualities we originally designed with,” project manager Kirk Bauer said. “Petersen had the best product for the application. It’s stable and sturdy. It doesn’t oil can or show weakness. It’s a great product.”

Director of Design Stu Henderson concurred. “We may not have come across Petersen right off the bat but they responded wonderfully to the challenge when the opportunity presented itself and really did an excellent job. Between Sutter Roofing, Petersen and Tandem Construction, it was a good team. We’re delighted with the way the building looks.”

The PAC-CLAD Highline S1 Panels were manufactured at Petersen’s plant in Acworth, Ga. The distributor on the project was ABC Supply in Orlando.

Highline S1 Panels can be installed horizontally or vertically and are available in multiple rib patterns that

provide a variety of looks and design options.

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](http://pac-clad.com) or write to [info@pac-clad.com](mailto:info@pac-clad.com).

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