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## FORT HOOD RELIGIOUS FACILITY

The new Chapel Complex & Religious Education Facility at Fort Hood, Texas provides non-denominational space for religious and community activities. The 42,000 sq. ft. facility has received LEED Gold certification.

The \$27 million campus is a two-phase design/build project that will, upon completion of the second phase, be the largest of its kind in the Army. The goal is to enhance the spiritual fitness of soldiers and families.

Solis Constructors, Inc., Austin, TX functioned as the design/builder for the U.S. Army Corps of Engineers.

Approximately 45,000 sq. ft. of Petersen's Snap Clad panels was used on this project. The 24 gauge, 16" striated panels were finished in PAC-CLAD Cityscape Cool Color. One challenge posed was long panel runs in the building design. Nearly 20,000 sq. ft. of panels reaching up to 80' in length were roll formed on site, and were installed by A.D. Willis Company Roofing & Sheet Metal, Austin.

According to Solis Constructors project manager Stephen Cervantes, "The Corps of Engineers has rigid, standardized requirements for roofing systems which included seaming, flashing details, salt spray testing, wind lift, etc. Petersen and the installer met those requirements with no difficulty and provided an excellent installation."

Lightning protection was another issue. "The Corps is also very specific about that," Cervantes said, "but Petersen had standard details in place that meet the lightning protection requirements. That really helped us."

The PAC-CLAD metal roof system has become the preferred system at Ford Hood, according to

Cervantes.

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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