Hunter Xci Ply insulation panels enable architects to fulfill design vision while meeting ci requirements

When developer MRE Properties sought to convert a Class C medical office building to a Class A office, they turned to GriD Architects to bridge the residential and commercial scales of the building’s West Annapolis, Maryland, neighborhood.

A key design feature of the renovation of 706 Giddings Avenue is a new façade featuring linear planks that reflect the scale of residential siding, and more abstractly, the hull of a ship, to reflect the deep rooted maritime culture of Annapolis.

To provide visual variety and deeper shadows to the façade, GriD Architects sought sheathing that could readily alter the depth of the two cladding types used on the building – cementitious panels from Swisspearl and Parklex wood cladding. They found their solution with Xci Ply insulation panels from Hunter Panels, which GriD learned about from Preservation + Protection Systems, Inc. Because Xci Ply panels come in various thicknesses, the design team was able to provide the architectural relief they desired for the building’s façade. “We liked the Xci product for the fact it provides sheathing and insulation in one touch,” says Brian Grieb, principal with GriD Architects.

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Job Name: 706 Giddings Avenue Class A Office Building
Location: Annapolis, Maryland
Product: Hunter Panels Xci Ply insulation panels
Architect: GriD Architects (Annapolis, Maryland)
Developer: MRE Properties + Solstice Partners (Annapolis, Maryland)
Installer: Cameron Building Envelope Specialists (Elkridge, Maryland)

Job Insights: The availability of various thickness Hunter Panels Xci Ply insulation panels enabled the architect to easily add depth to the building’s façade, while also providing continuous insulation (ci) to meet International Energy Conservation Code (IECC) insulation requirements.

888-746-1114
www.hunterpanels.com
Installer Cameron Building Envelope Specialists fitted 10,500 sq. ft. of Xci Ply panels, which are high thermal rigid insulation panels composed of a closed cell polyisocyanurate foam core bonded to a premium performance coated glass facer on one side and 5/8” or 3/4” fire treated plywood on the other. The product helps simplify exterior cladding installation by providing the full panel surface as an attachment point. “It is an efficient and cost effective cladding option,” shared Cameron’s Steve Emerson, Sr. Project Manager. “We really like using this complete system and will be using it again on future projects.”

The continuous insulation (ci) panels are NFPA 285 fire test compliant in numerous wall assemblies, including CMU, concrete, steel stud and fire retardant treated walls. With high R-value per inch thickness, Hunter Xci polyiso wall insulation products, like Xci Ply, help create energy-efficient, high-performance envelopes in commercial and institutional buildings.