MAKING OUR CASE

Job Name St. Marcus Lutheran School
Location Milwaukee, Wisconsin
Product Hunter Xci NB 3.6" polyiso + 5/8" Plywood
Contractor M.M. Schranz Roof and Sheet Metal, Inc., Milwaukee, Wisconsin
Architect Rinka Chung Architecture, Milwaukee, Wisconsin
General Contractor Catalyst Construction, Milwaukee, Wisconsin
Job Insights Hunter Xci NB helps contractor shave 25% off cladding installation time

To meet growing demand for student enrollments, Milwaukee’s St. Marcus Lutheran School completed a 40,000 sq. ft expansion in 2016. The addition will allow the popular private voucher school to grow enrollments from 860 to 1,120, reports the Milwaukee Journal Sentinel.

Rinka Chung Architecture’s design called for 22-gauge standing seam metal roof panels to be used for wall cladding. To simplify attachment of the cladding, while providing continuous insulation for the building envelope, the contractors installed Hunter Xci NB. The product is a high thermal rigid insulation panel composed of a closed cell polyisocyanurate foam core bonded to a premium performance coated glass facer on one side and oriented strand board (OSB) or plywood on the other.

The entire plywood or OSB surface can be used as a cladding attachment point, which greatly simplifies cladding installation compared to trying to align fasteners with a girt, clip or rail. Additionally, while the Xci NB panels are secured firmly to the base wall, the cladding attachment is thermally broken by being attached to the wood of the composite panel—which reduces thermal bridging, for a more energy-efficient building.

“Hunter Xci NB probably saved us 25% in time to attach the standing seam cladding, since we didn’t have to add another layer of furring for the cladding to attach to,” says Kevin Brennan, sheet metal project manager with M.M. Schranz Roofing, Inc.

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