



HUNTER

ST. MARCUS LUTHERAN SCHOOL

CASE STUDY



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

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.