

CASE STUDY

Mille Lacs District 1 Health Center

 ONAMIA, MINNESOTA





With patients often traveling long distances for appointments, a 78,000 square foot ‘one-stop shop’ was created to provide full health clinic services for the Mille Lacs Band community of Ojibwe.

The only healthcare facility for miles around, each department and clinic had to be carefully considered, allowing patients to schedule multiple appointments in one visit. The importance of inland lakes is vital to the Ojibwe in the Minnesota area, therefore a large curtain wall façade was also planned to offer panoramic views of the surrounding wetland from all waiting areas.

Seven Generations Architecture & Engineering used sustainable materials and ‘biophilic design’ - a concept that increases occupant connectivity to the natural environment. The building is centered around the needs of its patients; it consists of a structural steel frame, featuring brickwork and innovative Reynodual® 3mm Bonded Sheet from Hoover Architectural Solutions. The industry’s only 3mm, pre-painted bonded sheet combines the strength of aluminum with a broad spectrum of coil-coated, natural finishes inspired by nature.

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Lead architect for the project, Michael Hawarny, commented: “For the building exterior, we selected the Reynodual® bonded sheet as its versatility allowed us to integrate high quality detailing. The natural and durable finish was also in keeping with our biophilic design, while an expansive curtain wall perfectly framed the wetland adjoining the site.”

As well as seamlessly connecting patients and staff with every department, another focal point of the building is a grand two-story atrium off the entry, providing a clear line of sight from the front to the back.

Progressive Building Systems fabricated and installed 38,431 square feet of Reynodual® 3mm Bonded Sheet in three Design Line™ finishes - Scottish Oak, Mahogany Brown, and Aciero Corten, which was affixed to different parts of the building using a dry-joint system.

A spokesperson for the fabricator added: “The project demanded a robust, quality product that integrated well with other materials. Using Reynodual® Bonded Sheet, we were able to create large panels for both the route and return leg. This allowed for a faster fabrication and easy installation, without any damage to the panels thanks to the protective film.”

Reynodual® 3mm Bonded Sheet offers unlimited design possibilities in a wide range of colorful, natural finishes. It provides superior performance and protection and it’s created in a way that’s efficient, cost-effective and sustainable.

To learn more about the new Reynodual® 3mm Bonded Sheet, call 1.478.230.3600 or reach out to your local sales manager.



ARCHITECT	Seven Generations Architecture & Engineering, Project Architect: Michael Hawarny, AIA, LEED AP
CONTRACTOR	Hy-Tec Construction
FABRICATOR	Progressive Building Systems
PRODUCT	38,431 square feet of Reynodual® 3mm Bonded Sheet
COLOR	Scottish Oak, Mahogany Brown & Aciero Corten: Design Line™
APPLICATION	Dry-Joint System