

PROJECT PROFILE

Humboldt Hospital | Rmax TSX-8510 and ECOMAXci™ Wall Solution



Project Description

The Humboldt General Hospital expansion project includes a new memory care facility, centralized rural clinic space and expansions to the OB, ER and OR departments. It was designed and built to be a showcase for safety, innovation and contribution to the medical care community, construction quality and craftsmanship, and for its functionality of design and aesthetic quality.

Typically on these types of projects, an architect draws up the plans and the construction begins. On the expansion to Humboldt General, the hospital staff worked closely with the architect to bring their ideas and needs to the table, which brought a lot of innovation to the design phase.

CTA Architects designed the project to be a model of energy efficient design with regard to heating and cooling, as well as insulation, air and moisture barrier construction technology. Gale Building Products collaborated with Rmax to find a way to meet these needs.

The ECOMAXci™ Wall Solution attached directly to the framing members helped the team at Gale to achieve a full thermal insulation barrier that performed as an air and water resistive barrier. This assembly met the desired energy efficiency requirements without exterior gypsum or additional water resistive barriers.

Rmax TSX-8510 and ECOMAXci™ Wall Solution

With reinforced aluminum foil facers, TSX-8510 and ECOMAXci™ offer enhanced durability, dimensional stability and greater radiant heat protection. ECOMAXci™ Wall Solution provides a ready-made answer to fire, air and water, in addition to thermally efficient continuous insulation.



Why Rmax Polyiso Insulation

Both TSX-8510 and ECOMAXci™ are installed continuously to reduce thermal bridging and block air and moisture. TSX-8510 is designed to be left exposed without a thermal barrier to provide an attractive finish. Both products are lightweight and easy to install - all contributing to an overall savings.

Combined with Rmax tape and flashing, the ECOMAXci™ Wall Solution has been tested to meet stringent fire code requirements as well as air and water barrier standards for the most effective, efficient building envelope design.



Architect

CTA Architects Engineers
www.ctagroup.com

General Contractor

Sletten Construction of NV, Inc.

Installer

Gale Building Products

Distributor

Service Partners Supply

Location: Winnemucca, Nevada

Project Size and Insulation: 37,000' - 2" ECOMAXci™

36,000' - 3" TSX-8510

Project Timeline: Completed Early 2016