

PROJECT PROFILE

John Bremer Welding Center, Olympic College - Shelton, WA | ECOMAXci® FR



Project Description

The welding program offered at the two-year public institution, Olympic College, has been located off campus at the Taylor Shellfish “Bronze Works” facility since 2008. Due to a generous \$1.3 million donation by the Bremer Trust, a new center was underway.

The John Bremer Welding Center is 2,600 square-foot and has 16 welding stations, office space and storage. It accommodates 24 students per class, increasing the program’s enrollment. The center is located at a satellite campus in Shelton, Washington - just 38.4 miles away from the main campus in Bremerton.

The building is a metal wall construction with 8” horizontal metal girt framing manufactured by Nucor Building Systems. Rmax ECOMAXci® FR was used on this project as it meets and exceeds the 2012 Washington State Energy Code Prescriptive Compliance method for the Opaque Thermal Envelope Requirements, stating a metal building wall is required to have an R-13 fiberglass + R-13ci.

Rmax ECOMAXci® FR

ECOMAXci® FR is manufactured with an embossed, glass fiber reinforced aluminum foil facers on both sides. The exposed side has a heavy 12mil facer, providing a strong and durable interior finish. ECOMAXci® FR is designed for flexibility in many exterior commercial wall designs.



Why Rmax ECOMAXci® FR

ECOMAXci® FR is a superior insulation choice as it has been tested per NFPA 285 and successfully passes with the exposed side facing the exterior.

It is installed continuously to reduce thermal bridging and meets R-value requirements with a thinner profile. ECOMAXci® FR blocks air and moisture and is mold resistant per ASTM D3273.

Architect

Rice Fergus Miller Architecture and Planning
www.rfmarch.com

General Contractor

Big Rock Construction

Erector

M & F Construction, Inc.

Installer

Big Rock Construction – installed the ECOMAXci® FR

M & F Construction, Inc. – installed the metal wall panels over the ECOMAXci® FR

Distributor

Therm-All



Metal wall panel construction with 8" horizontal metal girt framing, 4" R-13 fiberglass laminated with a vapor barrier and 2" R-13.1 TSX-8500 4x8 insulation.

Location: Shelton, Washington

Project Size: 3,840 sq.ft.

Insulation: 2" ECOMAXci® FR

Project Timeline: November 2016 - May 2017

